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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: **(www.wipo.int/scit/en/standards/standards.htm)**.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: **(www.wipo.int/scit/fr/standards/standards.htm)**.

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting **(www.strategis.ic.gc.ca/patentsorder)** or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web **(www.strategis.ic.gc.ca/brevetscommande)** ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 2, 2018

1.	**Transmittal Fee** (Rule 14)	**$300**
2.	**International Filing Fee**	**$1708***
	For each additional sheet over 30	**$19**
3.	**International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 2 janvier 2018

1.	**Taxe de transmission** (Règle 14)	**300 $**
2.	**Taxe de dépôt internationale**	**1708 $***
	Pour chaque feuille au delà de 30	**19 $**
3.	**Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*)) $257

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$257** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$385** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. **Taxe de traitement** (Règle 57.2*a*)) **257 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **257 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **385 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
7. Procedures when CIPO is open for business but clients are unable to communicate with the Office
8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

1. Livraison en personne de correspondance à l'OPIC
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work.
- application for registration of a copyright in a performer's performance, sound recording or a

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre.
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé[MC], par Xpresspost[MC] ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of March 27, 2018 contains applications open to public inspection from March 11, 2018 to March 17, 2018.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 27 mars 2018 contient les demandes disponibles au public pour consultation pour la période du 11 mars 2018 au 17 mars 2018.

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[54] **GENES DGAT ISSUS DE YARROWIA LIPOLYTICA COMBINES A LA REGULATION A LA BAISSE D'UNE PHOSPHOGLUCOMUTASE PLASTIDIQUE EN VUE D'OBTENIR UNE PRODUCTION ACCRUE DE LIPIDES DE STOCKAGE DE SEMENCES ET DES PROFILS D'ACIDES GRAS MODIFIES DANS DES PLANTES A GRAINES OLEAGINEUSES**
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[72] WINFREE, GORDON BRENT, US
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[54] **UN GENRE DE CONVERTISSEUR RESONNANT LLC DESTINE A LA PLEINE GAMME DE TENSIONS ET SA METHODE DE COMMANDE**
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[54] **ENSEMBLE D'INJECTION POUR CHAMBRE DE COMBUSTION A TURBINE A GAZ ET PROCEDE D'ALIMENTATION DU MELANGE COMBUSTIBLE**
[72] TURRINI, FABIO, IT
[72] PESCHIULLI, ANTONIO, IT
[72] MOTTA, MARCO, IT
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[54] **ANTIDOTES POUR DES INHIBITEURS DE FACTEUR XA ET PROCEDES D'UTILISATION DE CEUX-CI EN COMBINAISON AVEC DES AGENTS DE COAGULATION SANGUINE**
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[54] **PROCEDE POUR LA FABRICATION DE MATERIAUX A BASE DE CARBONATE DE CALCIUM AYANT UNE SURFACE DE PARTICULES PRESENTANT DES PROPRIETES D'ADSORPTION AMELIOREES**
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[72] PUDACK, CLAUDIA, CH
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[54] **FORMULATIONS D'AGONISTES DE GUANYLATE CYCLASE C ET METHODE D'UTILISATION**
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[73] SYNERGY PHARMACEUTICALS, INC., US
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[54] **MACROMERE A TERMINAISON ISOCYANATE ET PREPARATION ASSOCIEE UTILISEE COMME AGENT ADHESIF OU DE SCELLEMENT INTERNE**
[72] KHARTI, CHETAN ANIRUDH, US
[72] FITZ, BENJAMIN D., US
[72] ZAVATSKY, JOSEPH, US
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[54] **INHIBITEURS D'IMIDAZOPYRAZINE SYK**
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[72] KROPF, JEFFREY E., US
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[54] **ELECTROMENAGER EQUIPE DE RACCORDS ETANCHES ET SON PROCEDE DE FABRICATION**
[72] MOULIN, DAVID, FR
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[54] **COMPOSITIONS D'HUILE LUBRIFIANTE RENFERMANT DES COMPOSES DE BORE ET DE MOLYBDENE**
[72] NELSON, KENNETH D., US
[72] BOFFA, ALEXANDER B., US
[72] KLEISER, WILLIAM M., US
[72] STULTS, STEPHEN D., US
[72] MCGEEHAN, JAMES A., US
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[54] **APPAREIL POUR DETECTER LA MAINTENANCE INADEQUATE D'UN SYSTEME**
[72] MEISELS, DAVID BENJAMIN, CA
[72] BOYD, PETER ANDREW, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[73] CHECKMATE LIMITED, GB
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[54] **SYSTEME ET PROCEDE DE REALISATION D'UNE ARTHRODESE SPINALE PERCUTANEE**
[72] ROCHE, KAREN, US
[72] BOYLAN, CLINT, US
[72] MCPHILLIPS, DAN, US
[72] WALNOFER, TIM, US
[72] GLEASON, JOSEPH, US
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[54] **SYSTEMS, METHODS, AND APPARATUS TO MONITOR MOBILE INTERNET ACTIVITY**
[54] **SYSTEMES, PROCEDES ET APPAREIL DE SURVEILLANCE DE L'ACTIVITE INTERNET MOBILE**
[72] PAPAKOSTAS, ACHILLEAS, US
[72] YONKER, MICHAEL, US
[73] THE NIELSEN COMPANY (US), LLC, US
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[54] **FABRICATION DE TIMBRE TRANSDERMIQUE**
[72] KENDALL, MARK ANTHONY FERNANCE, AU
[72] JENKINS, DEREK WILLIAM KENNETH, GB
[73] VAXXAS PTY LIMITED, AU
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[54] **COMPOSITIONS DE LAVAGE PERSONNEL COMPRENANT DES MELANGES SPECIFIQUES D'HUILES SATUREES (HYDROGENEES) ET D'HUILES TRIGLYCERIDES INSATUREES**
[72] LIU, HONGJIE, US
[72] ANANTHAPADMANABHAN, KAVSSERY PARAMESWARAN, US
[72] LANG, DAVID JOHN, US
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[54] **AGENCEMENT DE SEGMENT DE RETENUE POUR DISPOSITIF TOURNANT**
[72] GLASSPOOLE, DAVID F., CA
[72] CHATELOIS, BRUNO, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **SELECTIVE CONTROL OF WIRELESS INITIATION DEVICES AT A BLAST SITE**
[54] **COMMANDE SELECTIVE DE DISPOSITIFS D'AMORCAGE SANS FIL SUR UN SITE D'EXPLOSION**
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[54] **EMULSIONS LATEX ET COMPOSITIONS DE REVETEMENT FORMEES A PARTIR DE CELLES-CI**
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[72] KULHANEK, WILLY, US
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[54] **DISPOSITIF ULTRASONORE COMPRENANT UN MOYEN DE GENERATION D'UN FAISCEAU D'ULTRASONS PRESENTANT UNE FORME DE SEGMENT CONCAVE AYANT UNE COURBURE UNIQUE**
[72] ROMANO, FABRIZIO, FR
[72] LAFON, CYRIL, FR
[72] CHAPELON, JEAN-YVES, FR
[72] CHAVRIER, FRANCOISE, FR
[72] BIRER, ALAIN, FR
[72] FARCY, LAURENT, FR
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[54] **UTILISATION DE MODULATEURS PPAR DANS LE TRAITEMENT DE MALADIES ASSOCIEES AUX CHEVEUX**
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[72] BELLINVIA, SALVATORE, IT
[72] VITI, FRANCESCA, IT
[73] NOGRA PHARMA LIMITED, IE
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[54] **GESTION DE TRANSFERT D'ENERGIE POUR SOURCES D'ENERGIE LOCALES D'UNE CHARGE LIEE A UN RESEAU**
[72] MATAN, STEFAN, US
[72] WESTBROCK, WILLIAM B., JR., US
[72] HORTON, FRED C., US
[72] KLEMM, JOSEPH M., US
[72] MARRONE, FRANK P., US
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[72] JOHNSON, RONALD L., US
[72] RUIZ, IDRISS MANSOURI-CHAFIK, US
[72] LOCKHART, YUGEN PATRICK, US
[73] WAGIC, INC., US
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[54] **COMPRESSEUR ALIMENTE PAR UN GAZ SOUS PRESSION ET SYSTEME COMPRENANT LEDIT COMPRESSEUR**
[72] STROGANOV, VALERI, CA
[72] RAPHALS , PHILIP, CA
[73] NOVOPOWER LTD., CA
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[54] **HIGH EFFICIENCY SLUG CONTAINING VAPOR RECOVERY**
[54] **DISPOSITIF DE RECUPERATION DE VAPEUR HAUTE EFFICACITE CONTENANT UN BOUCHON**
[72] HEATH, RODNEY T., US
[72] HEATH, FORREST D., US
[72] HEATH, GARY, US
[73] HEATH, RODNEY T., US
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[54] **EXTRAIT HYDROSOLUBLE DE POIS DEFRUCTOSYLE ET SON UTILISATION COMME AGENT PREBIOTIQUE**
[72] DELBAERE, FRANCOIS, FR
[73] OLYGOSE, FR
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[54] **PORTION CAPSULE FOR A COFFEE MACHINE AND METHOD FOR PRODUCING THE SAME**
[54] **CAPSULE DOSETTE DESTINEE A UNE MACHINE A CAFE ET METHODE DE PRODUCTION ASSOCIEE**
[72] DEUBER, LOUIS, CH
[73] QBO COFFEE GMBH, CH
[85] 2011-10-03
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[54] **RECIPROCATING COMPRESSOR AND METHODS FOR MONITORING OPERATION OF SAME**
[54] **COMPRESSEUR ALTERNATIF ET METHODES DE SURVEILLANCE DE SON FONCTIONNEMENT**
[72] GRANT, JOHN WESLEY, US
[72] HOWARD, BRIAN FRANCIS, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **NOUVEAUX AGENTS ANTI-INFLAMMATOIRES**
[72] WAGNER, GREGORY S., US
[72] ATTWELL, SARAH C., CA
[72] HANSEN, HENRIK C., CA
[72] KULIKOWSKI, EWELINA B., CA
[72] MCLURE, KEVIN G., CA
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[54] **METHOD FOR THE MANUFACTURE OF DEGARELIX**
[54] **PROCEDE POUR LA FABRICATION DU DEGARELIX**
[72] ZHANG, HAIXIANG, FR
[72] FOMSGAARD, JENS, DK
[72] STAERKAER, GUNNAR, DK
[73] POLYPEPTIDE LABORATORIES A/S, DK
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[72] KAMMERER, STEPHAN, DE
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[72] DVORAK, CURT A., US
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[54] **SYSTEME ET PROCEDE DE GESTION D'AUTOMATISATION**
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[54] **AMINOACYL-ARNT SYNTHETASES DESTINEES A MODULER UNE INFLAMMATION**
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[72] VASSEROT, ALAIN P., US
[72] GREENE, LESLIE ANN, US
[72] ADAMS, RYAN ANDREW, US
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[54] **PROCEDE ET APPAREIL D'ANALYSE SPECTROSCOPIQUE, EN PARTICULIER D'ALIMENTS, UTILISANT UN TRAITEMENT MULTIVOIES DES DONNEES SPECTRALES**
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[54] **COMPOSES POUR LE TRAITEMENT DES TROUBLES MEDIES PAR LE RECEPTEUR METABOTROPIQUE 5 DU GLUTAMATE, ET LEURS METHODES D'UTILISATION**
[72] HARDY, LARRY WENDELL, US
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[72] CLARKE, MICHAEL O'NEIL HANRAHAN, US
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[54] **MODULATEUR SPATIAL DE LUMIERE AVEC COMPARATEURS DE MASQUAGE**
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[54] **PRODUCTION DE PROTEINE HEMAGGLUTININE-NEURAMINIDASE DANS DES MICROALGUES**
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[73] QARNOT COMPUTING, FR
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[72] KAASA, OYVIND, NO
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[54] **COMPOSITION DE COMBINAISON, COMPRENANT COMME INGREDIENTS ACTIFS DE LA L-CARNITINE OU PROPIONYL L-CARNITINE, POUR LA PREVENTION OU LE TRAITEMENT DE L'INSUFFISANCE VEINEUSE CHRONIQUE**
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[72] CHEN, XIAOBIN, CN
[72] HAYASHI, STEVEN ROBERT, US
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[72] FIDLER, ALEXANDER, DE
[72] KALUZA, KLAUS, DE
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[54] **DISPOSITIF DE COMMANDE D'ECOULEMENT D'ENTREE AUTONOME ET PROCEDES POUR SON UTILISATION**
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[73] SCHLUMBERGER CANADA LIMITED, CA
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[72] DATZOV, LITCHO, US
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[72] AON, MITALI, US
[72] GARRISON, MICHAEL D., US
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[72] ENGSTRAND, PER, SE
[72] CARLBERG, TORBJOERN, SE
[72] GRADIN, PER, SE
[72] GREGERSEN, OYVIND, NO
[73] HELLSTROEM, LISBETH, SE
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[73] NALCO COMPANY, US
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[54] **POLYMERES A BASE DE GLYCEROL LIPOHYDROPHILE UTILISES COMME ADJUVANTS DE DIGESTION POUR AMELIORER LES PROCEDES DE FABRICATION DE PATE A PAPIER**
[72] DUGGIRALA, PRASAD, US
[72] LI, XIAOJIN HARRY, US
[73] NALCO COMPANY, US
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[73] ETHICON-ENDO SURGERY, INC., US
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[54] **OIL-SOLUBLE TITANIUM COMPOUNDS FOR IMPROVING COPPER CORROSION PERFORMANCE OF A LUBRICATING OIL COMPOSITION**
[54] **COMPOSES DE TITANE SOLUBLES DANS L'HUILE SERVANT A AMELIORER LE RENDEMENT DE CORROSION DU CUIVRE D'UNE COMPOSITION D'HUILE LUBRIFIANTE**
[72] NELSON, KENNETH D., US
[72] YAMAGUCHI, ELAINE S., US
[72] NG, KAM-SIK, US
[72] ROGERS, PAULA S., US
[73] CHEVRON ORONITE COMPANY LLC, US
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[54] **APPLICATOR WITH FLEXIBLE PAD AND HANDLE**
[54] **APPLICATEUR AVEC TAMPON SOUPLE ET POIGNEE**
[72] BEST, JIM JOSEPH, US
[72] PERRY, MARCO CARROLL, US
[72] PROMMEL, MARK DAVID, US
[72] O'LEARY, KEVIN MIN, US
[72] GULLEDGE, WILLIAM LAUCHLIN, JR., US
[72] RICHARDSON, WILLIAM DANIEL, US
[72] BROTT, CHAD EDWARD, US
[72] NEWMAN, B. DERE, US
[72] WENDLETON, MELODIE LEA, US
[72] SHOBERT, BENJAMIN A., US
[72] DALE, RICHARD S., US
[72] BRUNNER, TODD, US
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[54] **METHOD OF PROVIDING SEISMIC DATA**
[54] **PROCEDE D'OBTENTION DE DONNEES SEISMIQUES**
[72] AMUNDSEN, LASSE, NO
[72] WESTERDAHL, HARALD, NO
[72] THOMPSON, MARK, NO
[73] STATOIL PETROLEUM AS, NO
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[54] **COMPOSES RADIOPROTECTEURS ET PROCEDES CORRESPONDANTS**
[72] MARTIN, ROGER FRANCIS, AU
[72] WHITE, JONATHAN, AU
[72] LOBACHEVSKY, PAVEL, AU
[72] WINKLER, DAVID, AU
[72] SKENE, COLIN, AU
[72] MARCUCCIO, SEBASTIAN, AU
[73] PETER MACCALLUM CANCER INSTITUTE, AU
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[54] **LIQUID RING PUMP AND METHOD FOR OPERATING A LIQUID RING PUMP**
[54] **POMPE A ANNEAU LIQUIDE ET METHODE D'UTILISATION D'UNE POMPE A ANNEAU LIQUIDE**
[72] LAPPALAINEN, VESA, FI
[73] EVAC OY, FI
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[25] EN
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[54] **PRESSE D'IMPRESSION SERVANT A NUMEROTER ET A VERNIR DES DOCUMENTS SECURISES, NOTAMMENT DES BILLETS DE BANQUE**
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[72] GYGI, MATTHIAS, CH
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[54] **DEVICE FOR REDUCING THE NOISE EMITTED BY THE JET OF AN AIRCRAFT PROPULSION ENGINE**
[54] **DISPOSITIF POUR ATTENUER LE BRUIT EMIS PAR LE JET D'UN MOTEUR DE PROPULSION D'UN AERONEF**
[72] BODARD, GUILLAUME, FR
[72] VUILLEMIN, ALEXANDRE ALFRED GASTON, FR
[73] SNECMA, FR
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[54] **PROCEDE DE FABRICATION D'UNE PUCE MICROFLUIDIQUE, PUCE ET PLAQUE ASSOCIEES**
[72] GOSNET-HAGHIRI, ANNE-MARIE, FR
[72] NANTEUIL, CLEMENT, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[73] UNIVERSITE PARIS-SUD 11, FR
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[54] **DERIVES N-ACYLE D'ACIDE AMINE POUR TRAITER DES AFFECTIONS CUTANEES TELLES QUE LA CELLULITE**
[72] FALLA, TIMOTHY J., US
[72] ZHANG, LIJUAN, US
[73] HELIX BIOMEDIX, INC., US
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[54] **THERMAL ENGINE CAPABLE OF UTILIZING LOW-TEMPERATURE SOURCES OF HEAT**
[54] **MOTEUR THERMIQUE POUVANT UTILISER DES SOURCES DE CHALEUR A BASSE TEMPERATURE**
[72] TICE, NEIL, US
[73] TICE, NEIL, US
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[25] EN
[54] **METHOD AND APPARATUS FOR BINDING SUBSCRIBER AUTHENTICATION AND DEVICE AUTHENTICATION IN COMMUNICATION SYSTEMS**
[54] **PROCEDE ET APPAREIL POUR LIER L'AUTHENTIFICATION D'ABONNES ET L'AUTHENTIFICATION DE DISPOSITIFS DANS DES SYSTEMES DE COMMUNICATION**
[72] ESCOTT, ADRIAN EDWARD, US
[72] PALANIGOUNDER, ANAND, US
[73] QUALCOMM INCORPORATED, US
[85] 2012-11-27
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[54] **PROCEDE ET SYSTEME POUR STOCKER DE L'HYDROGENE**
[72] DRNEVICH, RAYMOND FRANCIS, US
[73] PRAXAIR TECHNOLOGY, INC., US
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[54] **TRIMARAN HAVING A PIVOTABLE OUTRIGGER**
[54] **TRIMARAN A BRAS PIVOTANTS**
[72] KORMANN, OLIVER, AT
[73] KORMANN, OLIVER, AT
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[54] **A STORABLE KEYBOARD HAVING VARIABLE ANGULAR ORIENTATIONS**
[54] **UN CLAVIER ESCAMOTABLE AYANT DIVERSES ORIENTATIONS ANGULAIRES**
[72] GRIFFIN, JASON TYLER, CA
[72] KAYSER, DANIEL JORDAN, GB
[73] BLACKBERRY LIMITED, CA
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[54] **CIRCULAR BONE TUNNELING DEVICE**
[54] **DISPOSITIF DE TUNNELLISATION D'OS CIRCULAIRE**
[72] SHOLEV, MORDEHAI, IL
[72] LAVI, GILAD, IL
[73] MININVASIVE LTD., IL
[85] 2013-01-02
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[25] EN
[54] **FACE PROTECTION TO BE FASTENED TO A PROTECTIVE HELMET, PARTICULARLY FOR FORESTRY WORKERS**
[54] **DISPOSITIF DE PROTECTION DU VISAGE A FIXER SUR UN CASQUE DE PROTECTION DESTINE EN PARTICULIER A DES OUVRIERS FORESTIERS**
[72] PFANNER, ANTON, AT
[72] GREBER, MARTIN, AT
[73] PFANNER SCHUTZBEKLEIDUNG GMBH, AT
[85] 2013-01-08
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[25] EN
[54] **A MAGNETRON POWERED LAMP**
[54] **LAMPE ALIMENTEE PAR MAGNETRON**
[72] LIDSTROM, KJELL, SE
[73] CERAVISION LIMITED, GB
[85] 2013-01-11
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[25] EN
[54] **COMPOSITE MATERIAL FROM WASTE AND AT LEAST ONE ELEMENT OF VULCANIZED RUBBER AND TIRE CORDS**
[54] **MATERIAU COMPOSITE A PARTIR DE DECHETS ET D'AU MOINS UN ELEMENT DE CAOUTCHOUC VULCANISE ET DE CABLES DE PNEU**
[72] TAMIR, YUVAL, IL
[73] U.B.Q. MATERIALS LTD., IL
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[54] **METHOD, DEVICE AND SYSTEM FOR CELL HANDOVER IN TELECOMMUNICATION SYSTEM SUPPORTING CARRIER AGGREGATION**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE TRANSFERT INTERCELLULAIRE DANS UN SYSTEME DE TELECOMMUNICATION PRENANT EN CHARGE UNE AGREGATION DE PORTEUSES**
[72] WEI, YUXIN, CN
[73] SONY CORPORATION, JP
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[54] **TRANSPORT TANK CRADLE ASSEMBLY**
[54] **ENSEMBLE DE BASCULE DE RESERVOIR DE TRANSPORT**
[72] SPENCER, BRIAN E., US
[72] SPENCER, ZACHARY B., US
[72] BALASKI, TRAVIS, CA
[73] FERUS INC., CA
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[54] **TRANSPORT TANK BAFFLE ASSEMBLY**
[54] **ENSEMBLE CHICANE DE RESERVOIR DE TRANSPORT**
[72] SPENCER, BRIAN EUGENE, US
[72] SPENCER, ZACHARY B., US
[72] BALASKI, TRAVIS, CA
[73] FERUS INC., CA
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[54] **DUAL CHAMBER SYRINGE WITH RETRACTABLE NEEDLE**
[54] **SERINGUE A DOUBLE COMPARTIMENT COMPRENANT UNE AIGUILLE RETRACTABLE**
[72] ZIVKOVIC, IVAN, US
[72] HAGER, JORGEN, SE
[72] HANDBERG, ULF, SE
[72] HANNER, GERT, SE
[72] HOLMA, THOMAS, SE
[72] WAHLBERG, ULF, SE
[73] BECTON, DICKINSON AND COMPANY, US
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[25] EN
[54] **HYDRAULIC OIL CYLINDER AND RELATED EQUIPMENTS, HYDRAULIC BUFFER SYSTEM, EXCAVATOR AND CONCRETE PUMP TRUCK**
[54] **VERIN A HUILE HYDRAULIQUE ET EQUIPEMENTS APPARENTES, SYSTEME D'AMORTISSEUR HYDRAULIQUE, EXCAVATRICE ET CAMION-POMPE A BETON**
[72] YI, XIAOGANG, CN
[72] LIU, YONGDONG, CN
[72] CHEN, BINGBING, CN
[73] HUNAN SANY INTELLIGENT CONTROL EQUIPMENT CO., LTD, CN
[73] SANY HEAVY INDUSTRY CO., LTD, CN
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[25] EN
[54] **AUTOMATIC TRAFFIC GENERATION FOR A FARING SYSTEM**
[54] **GENERATION DE TRAFIC AUTOMATIQUE DESTINEE A UN SYSTEME DE FIXATION DES PRIX DES TITRES DE TRANSPORT**
[72] DANIELLO, RUDY, FR
[72] ISNARDY, LUC, FR
[72] REYNAUD, CLAUDINE, FR
[72] MOUNTAIN, ERIC STEPHEN, FR
[72] CIABRINI, DAMIEN, FR
[73] AMADEUS S.A.S., FR
[85] 2013-01-31
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[54] **SAW ATTACHMENT MECHANISM**
[54] **MECANISME DE FIXATION DE SCIE**
[72] LINDQVIST, ANDERS, SE
[73] HUSQVARNA AB, SE
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[25] EN
[54] **EXTRACTION METHOD AND SYSTEM FOR MONITORING FOR THE PRESENCE OF PHOSPHATE ESTERS IN JET FUEL**
[54] **PROCEDE ET SYSTEME D'EXTRACTION POUR SURVEILLER LA PRESENCE D'ESTERS DE PHOSPHATE DANS UN CARBUREACTEUR**
[72] WERNER, GREGORY J., US
[72] TAMAS, GARY R., US
[73] THE BOEING COMPANY, US
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[51] **Int.Cl. B65D 51/22 (2006.01) B65D 47/20 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **A CLOSURE DEVICE**
[54] **DISPOSITIF DE FERMETURE**
[72] VAN DER MOLEN, PETER JAN, NL
[72] LAST, LAURENS, NL
[72] GEBBINK, JEROEN GERRIT ANTON, BE
[73] SCHOLLE IPN IP B.V., NL
[85] 2013-03-01
[86] 2011-09-06 (PCT/NL2011/050610)
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[25] EN
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[72] GHISA, GIUSEPPE, IT
[72] LUCIANI, LAURA, IT
[73] ISTITUTO POLIGRAFICO E ZECCA DELLO STATO S.P.A., IT
[85] 2013-03-06
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[54] **APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE**
[72] MATTOS, PHILIP, GB
[73] EUROPEAN UNION, BE
[85] 2013-03-20
[86] 2011-09-22 (PCT/EP2011/066478)
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[30] GB (1016079.4) 2010-09-24

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[25] EN
[54] **COMMUNICATIONS SYSTEM PROVIDING PERSONNEL ACCESS BASED UPON NEAR-FIELD COMMUNICATION AND RELATED METHODS**
[54] **SYSTEME DE COMMUNICATION OFFRANT UN ACCES PERSONNEL SUR LA BASE D'UNE COMMUNICATION EN CHAMP PROCHE ET PROCEDES ASSOCIES**
[72] BENDER, CHRISTOPHER LYLE, CA
[72] FYKE, STEVEN HENRY, CA
[72] GRIFFIN, JASON TYLER, CA
[72] ROSE, SCOTT DOUGLAS, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-03-21
[86] 2011-09-23 (PCT/CA2011/050593)
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[30] EP (10178899.0) 2010-09-23

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[51] **Int.Cl. C22C 21/12 (2006.01) B22D 19/00 (2006.01) C22C 21/16 (2006.01) F02F 1/24 (2006.01)**
[25] FR
[54] **COPPER ALUMINUM ALLOY MOLDED PART HAVING HIGH MECHANICAL STRENGTH AND HOT CREEP RESISTANCE**
[54] **PIECE MOULEE EN ALLIAGE D'ALUMINIUM AU CUIVRE A HAUTE RESISTANCE MECANIQUE ET AU FLUAGE A CHAUD**
[72] GARAT, MICHEL, FR
[72] JEAN, DANNY, CA
[72] MAJOR, JAMES FREDERICK, CA
[73] RIO TINTO ALCAN INTERNATIONAL LIMITED, CA
[85] 2013-03-21
[86] 2010-12-07 (PCT/FR2010/000812)
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[54] **METHOD OF REDUCING SODIUM CONTENT OF WATER CONTAINING DISSOLVED SODIUM IONS**
[54] **METHODE DE REDUCTION DE LA TENEUR EN SODIUM DE L'EAU RENFERMANT DES IONS SODIQUES DISSOUTS**
[72] FORSYTH, ALASTAIR JAMES, ZA
[72] BEWSEY, JOHN ARTHUR, ZA
[73] TRAILBLAZER TECHNOLOGIES (PTY) LTD, ZA
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[30] ZA (2010/06881) 2010-09-28
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[25] EN
[54] **PROCESS CHAMBER WITH DEVICE FOR INJECTING GASEOUS FLUID**
[54] **CHAMBRE DE TRAITEMENT COMPRENANT UN DISPOSITIF POUR INSUFFLER UN FLUIDE GAZEUX**
[72] WIELAND, DIETMAR, DE
[72] IGLAUER, OLIVER, DE
[72] KNUESEL, CHRISTOF, DE
[72] WINKLER, MARIUS, DE
[73] DURR SYSTEMS AG, DE
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[54] **LOW FREE FORMALDEHYDE RESINS FOR ABRASIVE PRODUCTS**
[54] **RESINES FAIBLE CONCENTRATION EXEMPTES DE FORMALDEHYDES DESTINEES A DES PRODUITS ABRASIFS**
[72] TUMLER, ARMIN, AT
[73] PREFERE RESINS HOLDING GMBH, DE
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[25] EN
[54] **LIGHT SOURCE DEVICE, ANALYSIS DEVICE, AND LIGHT GENERATION METHOD**
[54] **DISPOSITIF SOURCE DE LUMIERE, ANALYSEUR ET PROCEDE DE GENERATION DE LUMIERE**
[72] OOTO, MASANORI, JP
[73] FUJI ELECTRIC CO., LTD., JP
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[54] **THERMALLY INSULATING TURBINE COUPLING**
[54] **COUPLAGE DE TURBINE THERMO-ISOLANT**
[72] VICK, MICHAEL J., US
[72] PULLEN, KEITH R., GB
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE NAVY, US
[73] IMPERIAL INNOVATIONS, GB
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[25] EN
[54] **SYSTEM AND METHOD FOR MEASURING HYDROGEN CONTENT IN A SAMPLE**
[54] **SYSTEME ET PROCEDE POUR MESURER LA TENEUR EN HYDROGENE DANS UN ECHANTILLON**
[72] CHRISTY, CARLTON N., US
[73] THE BOEING COMPANY, US
[86] (2814895)
[87] (2814895)
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[25] EN
[54] **METHOD OF FORMING A COMPOSITE MATERIAL WITH ADDED NANOPARTICLES AND CARRIER MATERIAL CONTAINING NANOPARTICLES**
[54] **PROCEDE DE FORMATION D'UNE MATIERE COMPOSITE CONTENANT DES NANOPARTICULES AJOUTEES ET MATRICE CONTENANT DES NANOPARTICULES**
[72] BALLOCCHI, PAOLO, GB
[72] WILSON, ROBERT SAMUEL, GB
[73] SHORT BROTHERS PLC, GB
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[54] **ARCHITECTURAL APPARATUS AND METHOD**
[54] **APPAREIL ARCHITECTURAL ET PROCEDE ASSOCIE**
[72] DWARKA, RAJIVA, US
[73] DWARKA, RAJIVA, US
[85] 2013-04-19
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[72] IMAI, HIROAKI, JP
[72] NAKAYAMA, TADAYORI, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
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[54] **DEVICE FOR STABILIZING AN INFLATABLE STRUCTURE**
[54] **DISPOSITIF DE STABILISATION D'UNE STRUCTURE GONFLABLE**
[72] LAVORATA, MARC, FR
[72] MICHAUD, PASCAL, FR
[72] PALOMBA, FRANCK, FR
[73] SURVITEC SAS, FR
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[54] **PORTABLE AIRBAG FOR PEOPLE**
[54] **AIRBAG PORTABLE POUR PERSONNES**
[72] BERCHTEN, YAN, CH
[72] GUERNIER, PIERRE-YVES, CH
[73] MAMMUT SPORTS GROUP AG, CH
[85] 2013-04-25
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[54] **AIRCART WITH INTEGRATED FERTILIZER BLENDING**
[54] **REMORQUE A RESERVE D'AIR AVEC MELANGE D'ENGRAIS INTEGRE**
[72] KOWALCHUK, TREVOR, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2818619)
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[25] EN
[54] **TELECOMMUNICATION SIGNALING USING NONLINEAR FUNCTIONS**
[54] **SIGNALISATION DE TELECOMMUNICATION A L'AIDE DE FONCTIONS NON LINEAIRES**
[72] PROTHERO, JERROLD D., US
[73] ASTRAPI CORPORATION, US
[85] 2013-06-06
[86] 2010-12-02 (PCT/US2010/058748)
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[54] **WALL PLANTING SYSTEM**
[54] **SYSTEME D'INSTALLATION DE MUR**
[72] MACKENZIE, DAVID S., US
[73] HORTECH, INC., US
[86] (2820142)
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[54] **PROCESS FOR THE PRODUCTION OF COATED PROPPANTS**
[54] **PROCEDE DE PRODUCTION D'AGENTS DE SOUTENEMENT REVETUS**
[72] KUHLMANN, PETER, DE
[72] WINTER, REINHARD, DE
[72] GEREADTS, JAN, NL
[73] ASK CHEMICALS GMBH, DE
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[25] EN
[54] **CONTROLLING DOPING OF SYNTHETIC DIAMOND MATERIAL**
[54] **DOPAGE CONTROLE DE MATERIAU DE DIAMANT SYNTHETIQUE**
[72] COE, STEVEN EDWARD, GB
[72] WILMAN, JONATHAN JAMES, GB
[72] TWITCHEN, DANIEL JAMES, GB
[72] SCARSBROOK, GEOFFREY ALAN, GB
[72] BRANDON, JOHN ROBERT, GB
[72] WORT, CHRISTOPHER JOHN HOWARD, GB
[72] MARKHAM, MATTHEW LEE, GB
[73] ELEMENT SIX LIMITED, GB
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[25] EN
[54] **ENCLOSED COILED TUBING BOAT AND METHODS**
[54] **BATEAU DE TUBE SPIRALE CLOS ET PROCEDES**
[72] KORACH, DONOVA, US
[72] BYERS, DREW, US
[73] NABORS ALASKA DRILLING, INC., US
[85] 2013-04-23
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[54] **METHODS FOR DRILLING AND STIMULATING SUBTERRANEAN FORMATIONS FOR RECOVERING HYDROCARBON AND NATURAL GAS RESOURCES**
[54] **PROCEDES POUR FORAGE ET STIMULATION DE FORMATIONS SOUTERRAINES POUR RECUPERER DES RESSOURCES D'HYDROCARBURE ET DE GAZ NATUREL**
[72] TEICHROB, ROBERT, CA
[73] SEVEN GENERATIONS ENERGY LTD., CA
[85] 2013-06-26
[86] 2011-12-22 (PCT/CA2011/001387)
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[25] EN
[54] **METHOD OF SUPPORTING MULTIPLE SELECTIONS AND INTERACTIVE INPUT SYSTEM EMPLOYING SAME**
[54] **PROCEDE DE PRISE EN CHARGE DE MULTIPLES SELECTIONS ET SYSTEME D'ENTREE INTERACTIF UTILISANT CE PROCEDE**
[72] ROUNDING, KATHRYN, CA
[72] MILFORD, DAVID, CA
[72] MAN, SHIH-CHEN, CA
[72] BOYLE, MICHAEL, CA
[72] LEUNG, WILLIAM, CA
[73] SMART TECHNOLOGIES ULC, CA
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[54] **METHOD AND APPARATUS FOR IMPROVED IN-LOOP FILTERING**
[54] **PROCEDE ET APPAREIL POUR UN FILTRAGE EN BOUCLE AMELIORE**
[72] FU, CHIH-MING, CN
[72] CHEN, CHING-YEH, CN
[72] TSAI, CHIA-YANG, CN
[72] HUANG, YU-WEN, CN
[72] LEI, SHAW-MIN, CN
[73] HFI INNOVATION INC., TW
[85] 2013-07-03
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[87] (WO2012/142966)
[30] US (61/477,689) 2011-04-21
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[54] **ORIFICE DE CATHETER AYANT UN BORD DE FUITE INCLINE**
[72] SHEVGOOR, SIDDARTH K., US
[72] BIHLMAIER, BRYAN FRED, US
[72] MCKINNON, AUSTIN JASON, US
[72] ADAMS, CHAD M., US
[73] BECTON, DICKINSON AND COMPANY, US
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[30] US (61/364,470) 2010-07-15
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[54] **METHOD FOR GRANULATING OR AGGLOMERATING AND TOOL THEREFOR**
[54] **PROCEDE DE GRANULATION OU D'AGGLOMERATION ET OUTIL ASSOCIE**
[72] GERL, STEFAN, DE
[72] KLEIN, CHRISTINA, DE
[73] MASCHINENFABRIK GUSTAV EIRICH GMBH & CO. KG, DE
[85] 2013-07-25
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[25] EN
[54] **METHOD AND APPARATUS FOR DRILLING AND LINING A WELLBORE**
[54] **PROCEDE ET APPAREIL POUR LE FORAGE ET LE TUBAGE D'UN TROU DE FORAGE**
[72] EIDEM, MORTEN, NO
[72] TVERLID, STEINAR WASA, NO
[72] ABDOLLAHI, JAFAR, NO
[72] TORSVOLL, ARNE, NO
[73] STATOIL PETROLEUM AS, NO
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[54] **FLOOR UNDERLAYMENT HAVING SELF-SEALING VAPOR BARRIER**
[54] **SOUS-PLANCHER COMPORTANT UN PARE-VAPEUR AUTO-SCELLANT**
[72] COLLISON, CHAD A., US
[73] MP GLOBAL PRODUCTS, L.L.C., US
[86] (2826979)
[87] (2826979)
[22] 2013-09-10
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[25] EN
[54] **T1R HETERO-OLIGOMERIC TASTE RECEPTORS, CELL LINES THAT EXPRESS SAID RECEPTORS, AND TASTE COMPOUNDS**
[54] **RECEPTEURS DU GOUT HETERO-OLIGOMERIQUES T1R, LIGNES CELLULAIRES EXPRIMANT CES RECEPTEURS, ET COMPOSES DU GOUT**
[72] LI, XIAODONG, US
[72] STASZEWSKI, LENA, US
[72] XU, HONG, US
[73] SENOMYX, INC., US
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[54] **IMPLANT FOR THE TREATMENT OF GLAUCOMA**
[54] **IMPLANT POUR LE TRAITEMENT DU GLAUCOME**
[72] GRIESHABER, HANS R., CH
[72] GRIESHABER, MATTHIAS, CH
[72] STEGMANN, ROBERT, ZA
[73] GRIESHABER OPHTHALMIC RESEARCH FOUNDATION, CH
[85] 2013-08-14
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[51] **Int.Cl. G01D 5/02 (2006.01) B81B 7/00 (2006.01) G01D 5/14 (2006.01)**
[25] FR
[54] **MEASURING SYSTEM HAVING ELECTROMECHANICAL RESONATORS, METHOD FOR MANUFACTURING SUCH A SYSTEM, AND METHOD FOR READING AT LEAST TWO RESONATORS**
[54] **SYSTEME DE MESURE A RESONATEURS ELECTROMECANIQUES, PROCEDE DE FABRICATION D'UN TEL SYSTEME ET PROCEDE DE LECTURE D'AU MOINS DEUX RESONATEURS ELECTROMECANIQUES**
[72] COLINET, ERIC, FR
[72] ANDREUCCI, PHILIPPE, FR
[72] DURAFFOURG, LAURENT, FR
[72] HENTZ, SEBASTIEN, FR
[73] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **APICAL PUNCTURE ACCESS AND CLOSURE SYSTEM**
[54] **SYSTEME D'ACCES A PERFORATION APICALE ET DE FERMETURE DE CELLE-CI**
[72] ROWE, STANTON J., US
[72] WU, MING H., US
[72] SCHNEIDER, RALPH, US
[72] CORSO, PHILIP P., JR., US
[73] EDWARDS LIFESCIENCES CORPORATION, US
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[25] EN
[54] **TREATMENT OF CELLULOSIC MATERIAL AND ENZYMES USEFUL THEREIN**
[54] **TRAITEMENT DE MATERIEL CELLULOSIQUE ET ENZYMES POUVANT ETRE EMPLOYEES DANS CE TRAITEMENT**
[72] KALLIO, JARNO, FI
[72] VOUTILAINEN, SANNI, FI
[72] HOOMAN, SATU, FI
[72] HALONEN, TEEMU, FI
[72] SIIKA-AHO, MATTI, FI
[72] VEHMAANPERA, JARI, FI
[72] ALAPURANEN, MARIKA, FI
[72] PURANEN, TERHI, FI
[72] VIIKARI, LIISA, FI
[73] ROAL OY, FI
[86] (2833029)
[87] (2833029)
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[54] **TEA BEVERAGE AND METHOD FOR PRODUCING THE SAME**
[54] **BOISSON AU THE ET SON PROCEDE DE PRODUCTION**
[72] HAN, ZHENGCHUN, CN
[72] HUANG, YUAN, CN
[72] ZHONG, JIPING, CN
[72] XUE, LIAN, CN
[73] NONGFU SPRING CO., LTD., CN
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[25] EN
[54] **FILLING CONTAINER AND METHOD FOR STORING HAZARDOUS WASTE MATERIAL**
[54] **FILLING CONTAINER AND METHOD FOR STORING HAZARDOUS WASTE MATERIAL REMPLISSAGE DE RECIPIENT, ET PROCEDE POUR STOCKER UN DECHET DANGEREUX**
[72] BERMUDEZ, WALTER GUILLERMO, AU
[72] MORICCA, SALVATORE, AU
[72] MURRAY, ALLAN GRANT, AU
[73] AUSTRALIAN NUCLEAR SCIENCE AND TECHNOLOGY ORGANISATION, AU
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[25] EN
[54] **LISURIDE, TERGURIDE AND DERIVATIVES THEREOF FOR USE IN THE PROPHYLAXIS AND/OR TREATMENT OF FIBROTIC CHANGES**
[54] **LISURIDE, TERGURIDE ET LEURS DERIVES POUR UNE UTILISATION DANS LA PROPHYLAXIE ET/OU LA THERAPIE DE MODIFICATIONS FIBREUSES**
[72] HOROWSKI, REINHARD, DE
[72] PALLA, HEINZ, DE
[72] TACK, JOHANNES, DE
[73] SINOXA PHARMA GMBH, DE
[85] 2013-07-04
[86] 2011-11-04 (PCT/EP2011/069480)
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[54] **AMORPHOUS MINOCYCLINE BASE AND PROCESS FOR ITS PREPARATION**
[54] **BASE DE MINOCYCLINE AMORPHE ET SON PROCEDE DE PREPARATION**
[72] MENDES, ZITA, PT
[72] ANTUNES, JOSE RAFAEL, PT
[72] MARTO, SUSANA, PT
[72] HEGGIE, WILLIAM, PT
[73] HOVIONE SCIENTIA LIMITED, IE
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[54] **DETERMINING THE LOCATION OF A MATERIAL LOCATED BEHIND AN OBSTRUCTION**
[54] **DETERMINATION DE L'EMPLACEMENT D'UN MATERIAU POSITIONNE DERRIERE UNE OBSTRUCTION**
[72] GRIMSBO, GJERMUND, NO
[72] FATHI, MARCUS, NO
[72] BUGTEN, BJARNE, NO
[73] STATOIL PETROLEUM AS, NO
[85] 2013-11-27
[86] 2011-06-01 (PCT/EP2011/059059)
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[51] **Int.Cl. E02D 5/18 (2006.01) E02D 19/18 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A RETAINING WALL FROM A ROUGH SOIL-MIX WALL**
[54] **PROCEDE DE FABRICATION D'UNE PAROI DE SOUTENEMENT A PARTIR D'UNE PAROI BRUTE EN SOIL-MIXING.**
[72] GANCEL, PHILIPPE, FR
[72] VIARGUES, DANIEL, FR
[72] GUEYDIER, MATTHIEU, FR
[72] MATHIEU, FABRICE, FR
[72] DARSON-BALLEUR, SABINE, FR
[73] SOLETANCHE FREYSSINET, FR
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[54] **APPARATUS AND METHOD FOR RECEIVING SIGNAL IN WIRELESS COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE DE RECEPTION DE SIGNAL DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] JUNG, YOUNG-SEOK, KR
[72] LIM, JONG-HAN, KR
[72] KIM, IN-HYOUNG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **ATTACHING MULTIPLE PHONE LINES TO A SINGLE MOBILE OR LANDLINE PHONE**
[54] **RATTACHEMENT DE MULTIPLES LIGNES TELEPHONIQUES A UN TELEPHONE MOBILE OU TERRESTRE UNIQUE**
[72] BENNETT, CHRISTOPHER RYAN, US
[73] WORLD EMERGENCY NETWORK - NEVADA, LTD., US
[85] 2013-12-18
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[54] **DOOR HOLD OPEN ARM ASSEMBLY**
[54] **ENSEMBLE BRAS DE RETENUE DE PORTE**
[72] ROBERTS, EDGAR E., US
[73] YALE SECURITY INC., US
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[51] **Int.Cl. G06N 99/00 (2010.01)**
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[54] **QUANTUM PROCESSOR BASED SYSTEMS AND METHODS THAT MINIMIZE AN OBJECTIVE FUNCTION**
[54] **SYSTEMES BASES SUR UN PROCESSEUR QUANTIQUE ET METHODES MINIMISANT UNE FONCTION ECONOMIQUE**
[72] MACREADY, WILLIAM G., CA
[72] RANJBAR, MANI, CA
[72] HAMZE, FIRAS, CA
[72] ROSE, GEORDIE, CA
[72] GILDBERT, SUZANNE, CA
[73] D-WAVE SYSTEMS INC., CA
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[30] US (61/540,208) 2011-09-28
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[30] US (61/636,309) 2012-04-20
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[54] **SYSTEM AND METHOD FOR SYNCHRONIZING RFID READERS UTILIZING RF OR MODULATION SIGNALS**
[54] **SYSTEME ET PROCEDE POUR SYNCHRONISER DES LECTEURS D'IDENTIFICATION PAR RADIOFREQUENCE UTILISANT DES SIGNAUX RF OU A MODULATION**
[72] MELVILLE, MICHAEL GEORGE, US
[72] GONZALES, MICHAEL PAUL, US
[72] GRAVELLE, KELLY, US
[73] AMTECH SYSTEMS, LLC, US
[86] (2841630)
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[30] US (61/761,033) 2013-02-05
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[54] **ORTHOPEDIC IMPLANT FOR TREATMENT OF BONE DEFORMITIES**
[54] **IMPLANT ORTHOPEDIQUE DESTINE AU TRAITEMENT DE DEFORMATIONS OSSEUSES**
[72] HERZOG, RAFI, IL
[72] BARKAI, NIR, IL
[72] SHAHAR, MARK, IL
[72] ROBINSON, DROR, IL
[72] SCHON, LEW, US
[73] BONFIX LTD., IL
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[54] **METHOD FOR PRODUCING HYDROPHOBIC, HEAT-INSULATING MOULDINGS**
[54] **PROCEDE POUR PRODUIRE DES CORPS MOULES HYDROPHOBLES THERMO-ISOLANTS**
[72] KRATEL, GUNTER, DE
[72] BORCHERT, GERD, DE
[72] MENZEL, FRANK, DE
[73] EVONIK DEGUSSA GMBH, DE
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[54] **SYSTEMS AND METHODS FOR VARIABLE VALVE ACTUATION**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE SOUPAPES VARIABLES**
[72] KHAJEPOUR, AMIR, CA
[72] POURNAZERI, MOHAMMAD, CA
[73] KHAJEPOUR, AMIR, CA
[73] POURNAZERI, MOHAMMAD, CA
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[25] EN
[54] **USE OF G-CSF DIMER IN PREPARATION OF MEDICAMENT FOR TREATMENT OF NEURODEGENERATIVE DISEASES**
[54] **UTILISATION D'UN DIMERE G-CSF DANS LA PREPARATION D'UN MEDICAMENT POUR LE TRAITEMENT DE MALADIES NEURODEGENERATIVES**
[72] WU, DONGDONG, CN
[72] HUANG, ZHIHUA, CN
[72] HUANG, YULIANG, CN
[72] YAN, XIAOQIANG, CN
[73] GENERON (SHANGHAI) CORPORATION LTD., CN
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[54] **DELIVERY SYSTEMS FOR PROSTHETIC HEART VALVE**
[54] **SYSTEMES DE PLACEMENT POUR VALVULE CARDIAQUE PROSTHETIQUE**
[72] TRAN, TRI D., US
[72] CAYABYAB, RONALDO, US
[72] EVANS, DAVID J., US
[72] CHOW, SEAN, US
[72] CHIA, CHRISTOPHER, US
[73] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **PET WASTE DISPOSAL DEVICE**
[54] **DISPOSITIF D'ELIMINATION DE DEJECTIONS ANIMALES**
[72] NASEEM, ARSHAD, CA
[73] NASEEM, ARSHAD, CA
[86] (2843456)
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[54] **OPTIMIZED MATRIX AND VECTOR OPERATIONS IN INSTRUCTION LIMITED ALGORITHMS THAT PERFORM EOS CALCULATIONS**
[54] **OPERATIONS MATRICIELLES ET VECTORIELLES OPTIMISEES DANS DES ALGORITHMES A INSTRUCTIONS LIMITEES QUI EFFECTUENT DES CALCULS EOS**
[72] HAUGEN, KJETIL, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2014-01-31
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[25] FR
[54] **DEVICE FOR DETERMINING A GROUP OF VISION AIDS SUITABLE FOR A PERSON**
[54] **DISPOSITIF POUR DETERMINER UN GROUPE D'EQUIPEMENTS D'AIDE A LA VISION ADAPTE A UN INDIVIDU**
[72] SCHERLEN, ANNE-CATHERINE, FR
[72] VOILLEMIN, PASCAL, FR
[73] ESSILOR INTERNATIONAL, FR
[85] 2014-02-07
[86] 2011-08-09 (PCT/FR2011/000462)
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[51] **Int.Cl. G01V 9/00 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ASSISTED PROPERTY MODELING**
[54] **SYSTEMES ET PROCEDES DE MODELISATION ASSISTEE DE PROPRIETES**
[72] SHI, GENBAO, US
[72] YARUS, JEFFREY MARC, US
[72] CHAMBERS, RICHARD L., US
[72] MAUCEC, MARKO, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-03-03
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[25] EN
[54] **INTELLIGENT SOOTBLOWER**
[54] **SOUFFLANTE DE SUIE INTELLIGENTE**
[72] TANDRA, DANNY S., US
[72] SHAH, SANDEEP, US
[73] CLYDE BERGEMANN, INC., US
[85] 2013-12-03
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[54] **CONTROL CIRCUIT**
[54] **CIRCUIT DE COMMANDE**
[72] DAVIDSON, COLIN CHARNOCK, GB
[72] TRAINER, DAVID REGINALD, GB
[72] OKAEME, NNAMDI, GB
[73] ALSTOM TECHNOLOGY LTD, CH
[85] 2014-03-11
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[25] EN
[54] **PRESSURE CORE BARREL FOR RETENTION OF CORE FLUIDS AND RELATED METHOD**
[54] **BARIL DE CAROTTAGE SOUS PRESSION POUR RETENTION DE FLUIDES DE CAROTTAGE ET PROCEDE CONNEXE**
[72] WILSON, BOB T., US
[72] MCGEHEE, DAVID Y., US
[73] NATIONAL OILWELL VARCO, L.P., US
[86] (2848990)
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[22] 2014-04-15
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[51] **Int.Cl. H04N 19/52 (2014.01) H04N 19/109 (2014.01) H04N 19/13 (2014.01) H04N 19/159 (2014.01) H04N 19/176 (2014.01)**
[25] EN
[54] **METHOD FOR INDUCING PREDICTION MOTION VECTOR AND APPARATUSES USING SAME**
[54] **PROCEDE DE GENERATION D'UN VECTEUR DE MOUVEMENT PREDIT ET DISPOSITIFS UTILISANT CE PROCEDE**
[72] LIM, SUNG CHANG, KR
[72] KIM, HUI YONG, KR
[72] LEE, JIN HO, KR
[72] CHOI, JIN SOO, KR
[72] KIM, JIN WOONG, KR
[72] KIM, JAE GON, KR
[72] LEE, SANG YONG, KR
[72] PARK, UN KI, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[73] INDUSTRY-UNIVERSITY COOPERATION FOUNDATION KOREA AEROSPACE UNIVERSITY, KR
[85] 2014-03-17
[86] 2012-09-14 (PCT/KR2012/007388)
[87] (WO2013/039356)
[30] KR (10-2011-0093564) 2011-09-16
[30] KR (10-2011-0106108) 2011-10-17
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[54] **TRAIN CONTROL SYSTEM**
[54] **SYSTEME DE COMMANDE DES TRAINS**
[72] KURITA, AKIRA, JP
[73] THE NIPPON SIGNAL CO., LTD., JP
[85] 2014-03-28
[86] 2012-09-24 (PCT/JP2012/074375)
[87] (WO2013/047425)
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[54] **CHIRURGIE RETINIENNE**
[72] HUCULAK, JOHN CHRISTOPHER, US
[72] MARTIN, MICHAEL MCCULLOCH, US
[72] ZICA, MICHAEL ARTHUR, US
[72] BAZYDLO, MATTHEW EDWARD, US
[73] ALCON RESEARCH, LTD., US
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[54] **CUTTING HEAD OF A GRASS TRIMMER**
[54] **TETE DE COUPE D'UN TAILLE-HERBE**
[72] YAMAOKA, TOSHINARI, CN
[72] LI, HANZHENG, CN
[73] CHERVON (HK) LIMITED, HK
[86] (2853830)
[87] (2853830)
[22] 2014-06-06
[30] CN (201310229816.7) 2013-06-09
[30] CN (201310283731.7) 2013-07-05
[30] US (14/295,634) 2014-06-04

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[54] **LATTICE**
[54] **RESEAU**
[72] ARMSTRONG, JOSEPH R., US
[72] CULLY, EDWARD H., US
[72] DUNCAN, JEFFREY B., US
[72] HANSEN, MARK Y., US
[72] MONTGOMERY, WILLIAM D., US
[72] TERRY, WENDY J., US
[73] W.L. GORE & ASSOCIATES, INC., US
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS AND METHODS OF USE OF 4-PREGENEN-11.BETA.-17-21-TRIOL-3,20-DIONE DERIVATIVES**
[54] **COMPOSITIONS PHARMACEUTIQUES ET PROCEDES D'UTILISATION DE DERIVES DE 4-PREGENEN-11SS-17-21-TRIOL-3,20-DIONE**
[72] EDELMAN, JEFFREY L., US
[72] NEHME, ALISSAR, US
[73] ALLERGAN, INC., US
[85] 2014-05-09
[86] 2012-11-09 (PCT/US2012/064296)
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[51] **Int.Cl. G01S 19/37 (2010.01)**
[25] EN
[54] **RECONFIGURABLE CORRELATOR FOR A NAVIGATION SYSTEM**
[54] **CORRELATEUR RECONFIGURABLE POUR SYSTEME DE NAVIGATION**
[72] GUNAWARDENA, SANJEEV, US
[72] DICKMAN, JEFF, US
[72] COSGROVE, MATHEW A., US
[73] NORTHROP GRUMMAN GUIDANCE AND ELECTRONICS COMPANY, INC., US
[85] 2014-05-23
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[51] **Int.Cl. G06F 21/55 (2013.01) H04L 12/22 (2006.01)**
[25] EN
[54] **DYNAMIC PROVISIONING OF PROTECTION SOFTWARE IN A HOST INTRUSION PREVENTION SYSTEM**
[54] **FOURNITURE DYNAMIQUE D'UN LOGICIEL DE PROTECTION DANS UN SYSTEME DE PREVENTION D'INTRUSION AU NIVEAU DE L'HOTE**
[72] DURIE, ANTHONY ROBERT, CA
[72] MCGEE, WILLIAM G., CA
[73] TREND MICRO INCORPORATED, JP
[86] (2857868)
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[25] EN
[54] **PACEMAKER FOR SPASMODIC DYSPHONIA**
[54] **STIMULATEUR POUR DYSPHONIE SPASMODIQUE**
[72] LINDENTHALER, WERNER, AT
[73] MED-EL ELEKTROMEDIZINISCHE GERAETE GMBH, AT
[85] 2014-06-03
[86] 2012-12-07 (PCT/US2012/068577)
[87] (WO2013/086421)
[30] US (61/567,664) 2011-12-07
[30] US (61/567,666) 2011-12-07
[30] US (13/708,129) 2012-12-07
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[51] **Int.Cl. B64C 13/16 (2006.01) B64C 3/50 (2006.01) B64C 13/38 (2006.01)**
[25] EN
[54] **CONTROL INTERFACE FOR LEADING AND TRAILING EDGE DEVICES**
[54] **INTERFACE DE COMMANDE POUR DISPOSITIFS DE BORD D'ATTAQUE ET DE BORD DE FUITE**
[72] MOSER, MATTHEW A., US
[72] FINN, MICHAEL R., US
[72] THOREEN, ADAM, US
[73] THE BOEING COMPANY, US
[86] (2858233)
[87] (2858233)
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[51] **Int.Cl. A61F 13/42 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE COMPRISING A WETNESS DETECTOR**
[54] **ARTICLE ABSORBANT COMPRENANT UN DETECTEUR D'HUMIDITE**
[72] BOSAEUS, MATTIAS, SE
[72] ELFSTROM, ALLAN, US
[73] SCA HYGIENE PRODUCTS AB, SE
[85] 2014-06-06
[86] 2011-12-29 (PCT/EP2011/074229)
[87] (WO2013/097899)

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[13] C
[51] **Int.Cl. A61L 27/50 (2006.01) G01N 13/02 (2006.01) G03F 7/00 (2006.01)**
[25] EN
[54] **SUBSTRATE WITH A STRUCTURED SURFACE AND METHODS FOR THE PRODUCTION THEREOF, AND METHODS FOR DETERMINING THE WETTING PROPERTIES THEREOF**
[54] **SUBSTRAT A SURFACE STRUCTUREE ET PROCEDES DE FABRICATION, PROCEDES PERMETTANT D'EN DETERMINER LES PROPRIETES DE MOUILLABILITE**
[72] JENNISSEN, HERBERT, DE
[73] JENNISSEN, HERBERT, DE
[85] 2014-06-13
[86] 2012-12-16 (PCT/DE2012/100382)
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[30] DE (10 2011 056 549.3) 2011-12-16

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[25] EN
[54] **PIPE ALIGNING TOOL**
[54] **OUTIL D'ALIGNEMENT DE TUYAU**
[72] BENDER, QUINN, CA
[73] 1729655 ALBERTA LTD., CA
[86] (2860705)
[87] (2860705)
[22] 2012-09-07
[62] 2,790,244
[30] US (61/537,252) 2011-09-21

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[13] C
[51] **Int.Cl. F02K 1/78 (2006.01) F02K 1/46 (2006.01)**
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[54] **METHODS AND APPARATUS FOR PASSIVE THRUST VECTORING AND PLUME DEFLECTION**
[54] **PROCEDES ET APPAREIL POUR ORIENTATION DE POUSSEE ET DEVIATION DE PANACHE PASSIVES**
[72] WILLIE, ROBERT H., US
[72] CERRA, DAVID F., US
[72] HEBERT, LEONARD J., US
[73] THE BOEING COMPANY, US
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[25] EN
[54] **CABLE ACTUATORS AND CABLE ACTUATED APPARATUSES AND SYSTEMS**
[54] **ACTIONNEURS A CABLE ET APPAREILS ET SYSTEMES ACTIONNES PAR CABLE**
[72] LOKKEN, MICHAEL WARREN, US
[73] ALTIMATE MEDICAL INC., US
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[54] **NEIGHBOR LIST MESSAGES INCLUDING FEMTO CELL INFORMATION**
[54] **MESSAGES DE LISTE DE VOISINS COMPRENANT DES INFORMATIONS DE FEMTOCELLULE**
[72] DESHPANDE, MANOJ M., US
[72] BALASUBRAMANIAN, SRINIVASAN, US
[72] CHEN, JEN M., US
[72] YOON, YOUNG C., US
[73] QUALCOMM INCORPORATED, US
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[87] (2863547)
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[25] EN
[54] **THREE-DIMENSIONAL GUIDED INJECTION DEVICE AND METHODS**
[54] **DISPOSITIF D'INJECTION A GUIDAGE TRIDIMENSIONNEL ET METHODES ASSOCIEES**
[72] WASIELEWSKI, RAY C., US
[73] JOINT VUE, LLC, US
[85] 2014-08-06
[86] 2013-02-07 (PCT/US2013/025131)
[87] (WO2013/119801)
[30] US (61/595,998) 2012-02-07

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[51] **Int.Cl. H04B 3/54 (2006.01) H04L 12/12 (2006.01)**
[25] EN
[54] **POWER LINE COMMUNICATION APPARATUS AND METHOD, AND LOAD POWER MONITORING APPARATUS AND METHOD USING SAME**
[54] **APPAREIL ET PROCEDE DE COMMUNICATION DE LIGNE D'ALIMENTATION, ET APPAREIL DE SURVEILLANCE DE PUISSANCE DE CHARGE ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] PARK, HYUN SOO, KR
[72] PARK, YOUNG JIN, KR
[72] SEO, SUNG MOK, KR
[72] SHIN, JONG HYUN, KR
[72] CHOI, JAE WON, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[25] EN
[54] **SAGD STEAM TRAP CONTROL**
[54] **COMMANDE DE PIEGE DE VAPEUR DE SAGD**
[72] STALDER, JOHN, CA
[73] CONOCOPHILLIPS CANADA RESOURCES CORP., CA
[73] TOTAL E&P CANADA LTD., CA
[85] 2014-08-14
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[54] **FAULT DETECTION FOR PIPELINES**
[54] **DETECTION DES DEFAILLANCES POUR DES PIPELINES**
[72] FREEAR, STEVEN, GB
[72] VARCOE, BEN, GB
[72] COWELL, DAVID MATTHEW JOSEPH, GB
[72] STAPLES, STEPHEN GEORGE HENRY, GB
[72] VO, CHAU, GB
[73] SPEIR HUNTER LTD., GB
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[86] 2013-03-01 (PCT/GB2013/050524)
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[54] **DRILLING SYSTEM FAILURE RISK ANALYSIS METHOD**
[54] **PROCEDE D'ANALYSE DE RISQUES DE DEFAILLANCE DE SYSTEME DE FORAGE**
[72] MANCINI, STEFANO, IT
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-09-11
[86] 2013-03-06 (PCT/IB2013/000567)
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[51] **Int.Cl. B23K 9/09 (2006.01)**
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[54] **CONTROLLED WAVEFORM WELDING WIRE FEEDER SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DISPOSITIF D'ALIMENTATION EN FIL A SOUDER A FORME D'ONDE CONTROLEE**
[72] ROTH, MICHAEL WILLIAM, US
[72] RYAN, JOSEPH ROBERT, US
[72] SALSICH, ANTHONY VAN BERGEN, US
[72] DANTINNE, MARKUS MICHAEL, US
[72] VEIK, BRIAN JAMES, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-10-15
[86] 2013-06-05 (PCT/US2013/044284)
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[30] US (61/657,467) 2012-06-08
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[25] EN
[54] **WELDING WIRE FEEDER POWER APPLICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'APPLICATION DE PUISSANCE A UNE TETE DE SOUDAGE**
[72] SALSICH, ANTHONY VAN BERGEN, US
[72] OTT, BRIAN LEE, US
[72] BEISTLE, EDWARD GERARD, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-10-15
[86] 2013-06-06 (PCT/US2013/044597)
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[30] US (61/657,504) 2012-06-08
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[25] EN
[54] **A TOPICAL PHARMACEUTICAL COMPOSITION, PROCESS OF PRODUCING TOPICAL PHARMACEUTICAL COMPOSITION, USE OF TOPICAL PHARMACEUTICAL COMPOSITION AND METHOD FOR TOPICAL TREATMENT OF PSORIASIS, ATOPIC DERMATITIS OR CHRONIC ECZEMA**
[54] **UNE COMPOSITION PHARMACEUTIQUE TOPIQUE, PROCEDE DE PRODUCTION D'UNE COMPOSITION PHARMACEUTIQUE TOPIQUE, UTILISATION D'UNE COMPOSITION PHARMACEUTIQUE TOPIQUE ET METHODE DE TRAITEMENT DU PSORIASIS, DE DERMATITE ATOPIQUE OU D'ECZEMA CHRONIQUE**
[72] JUNIOR, DANTE ALARIO, BR
[72] PEREIRA, JOSE ROBERTO DA COSTA, BR
[73] BIOLAB SANUS FARMACEUTICA LTDA., BR
[85] 2014-10-20
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[25] EN
[54] **PLASMA-ASSISTED SYNTHETIC JETS FOR ACTIVE AIR FLOW CONTROL**
[54] **JETS SYNTHETIQUES AU PLASMA POUR LE CONTROLE ACTIF DE DEBIT D'AIR**
[72] NIKIC, DEJAN, US
[73] THE BOEING COMPANY, US
[86] (2870937)
[87] (2870937)
[22] 2014-11-12
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[25] EN
[54] **EMULSIFIED MQ RESIN: COMPOSITIONS AND METHODS**
[54] **RESINE MQ EMULSIFIEE : COMPOSITIONS ET PROCEDES**
[72] LEE, WILSON A., US
[72] HAWKINS, GEOFFREY, US
[73] ELC MANAGEMENT LLC, US
[85] 2014-10-21
[86] 2013-01-03 (PCT/US2013/020145)
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[51] **Int.Cl. G01M 3/02 (2006.01) G01M 3/28 (2006.01) G01M 3/32 (2006.01)**
[25] EN
[54] **A DEVICE FOR DETECTING FLUID LEAKAGE**
[54] **DISPOSITIF POUR DETECTER UNE FUITE DE FLUIDE**
[72] WAKCHAURE, VIJAYKUMAR K., IN
[73] CTR MANUFACTURING INDUSTRIES LIMITED, IN
[85] 2014-10-31
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[25] EN
[54] **MULTI-STAGE WELL ISOLATION AND FRACTURING**
[54] **ISOLATION DE PUITS MULTIETAGE ET FRACTURATION**
[72] HUGHES, JOHN, CA
[72] RASMUSSEN, RYAN D., CA
[72] SCHMIDT, JAMES W., CA
[73] RESOURCE COMPLETION SYSTEMS INC., CA
[86] (2873198)
[87] (2873198)
[22] 2013-12-20
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[54] **WOOD PRODUCTS IMPREGNATED WITH WATER BASED COMPOSITIONS**
[54] **PRODUITS DE BOIS IMPREGNES DE COMPOSITIONS AQUEUSES**
[72] QUISENBERRY, KEITH THOMAS, US
[72] TIAN, DONG, US
[72] ROSS, JEFFREY S., US
[73] ARMSTRONG WORLD INDUSTRIES, INC., US
[86] (2873571)
[87] (2873571)
[22] 2014-12-08
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[25] EN
[54] **SLOTTED WASHER PAD FOR STAGE IMPELLERS OF SUBMERSIBLE CENTRIFUGAL WELL PUMP**
[54] **RONDELLE A FENTE POUR ROUE D'ETAGE DE POMPE DE PUITS CENTRIFUGE SUBMERSIBLE**
[72] BAILLARGEON, DAVID S., US
[72] MCMANUS, DAVID F., US
[73] BAKER HUGHES INCORPORATED, US
[86] (2873995)
[87] (2873995)
[22] 2014-12-09
[30] US (61/917703) 2013-12-18

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[13] C
[51] **Int.Cl. C09K 8/36 (2006.01)**
[25] EN
[54] **WELLBORE SERVICING FLUIDS AND METHODS OF MAKING AND USING SAME**
[54] **FLUIDES D'ENTRETIEN POUR PUITS DE FORAGE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] KULKARNI, DHANASHREE GAJANAN, IN
[72] MAGHRABI, SHADAAB SYED, IN
[72] TEKE, KUSHABHAU DAGADU, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-11-20
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[30] US (13/476,782) 2012-05-21

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[51] **Int.Cl. C09K 8/532 (2006.01) C09K 8/54 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHOD FOR TREATING OUT HYDROGEN SULFIDE AND PREVENTING SETTLING OF PRECIPITATE IN AN ENVIRONMENTALLY RESPONSIBLE DRILLING AND PACKER FLUID**
[54] **COMPOSITIONS ET PROCEDE SERVANT AU TRAITEMENT DU SULFURE D'HYDROGENE ET EMPECHANT LE DEPOT DE PRECIPITE DANS UN FLUIDE DE FORAGE ET UN FLUIDE DE GARNITURE RESPECTUEUX DE L'ENVIRONNEMENT**
[72] HALL, JOHN ADRIAN, US
[72] TEKE, KUSHABHAU D., IN
[72] NIKAM, PRAMOD DADASAHEB, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-11-26
[86] 2013-03-17 (PCT/US2013/032732)
[87] (WO2013/180824)
[30] US (13/483,050) 2012-05-30

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[51] **Int.Cl. B65D 85/73 (2006.01) B65D 17/28 (2006.01) B65D 25/02 (2006.01) B65D 25/38 (2006.01)**
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[54] **CONTROL OF BUBBLE SIZE IN A CARBONATED LIQUID**
[54] **CONTROLE DE LA TAILLE DES BULLES DANS UN LIQUIDE GAZEUX**
[72] NICHOLSON, LEE M., US
[72] GIVEN, PETER S., US
[72] JOSHI, PRASAD V., US
[72] LIU, WEI, US
[72] LEFEBVRE, DENISE H., US
[72] PANDE, MANISH MAROTRAO, PL
[72] LUCAS, JOHN MARK, PL
[72] JANKOWIAK, MARCIN, PL
[73] PEPSICO, INC., US
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[25] EN
[54] **WAVEFORM COMPENSATION SYSTEMS AND METHODS FOR SECONDARY WELD COMPONENT RESPONSE**
[54] **SYSTEMES ET PROCEDES DE COMPENSATION DE FORME D'ONDE POUR REPONSE DE COMPOSANT DE SOUDAGE SECONDAIRE**
[72] DAVIDSON, ROBERT R., US
[72] BUNKER, THOMAS A., US
[72] SCHUH, RICHARD, US
[73] ILLNOIS TOOL WORKS INC., US
[85] 2014-12-17
[86] 2013-09-13 (PCT/US2013/059791)
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[51] **Int.Cl. B65G 57/03 (2006.01) B65G 57/22 (2006.01) B65G 65/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR LAYERED STACKING A SUPPORT**
[54] **DISPOSITIF ET PROCEDE POUR EMPILER DES ARTICLES EN PLUSIEURS COUCHES SUR UN SUPPORT**
[72] CAVELIUS, JORG, DE
[73] DEMATIC GMBH, DE
[85] 2014-12-24
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[30] DE (10 2012 106 112.2) 2012-07-06

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[51] **Int.Cl. G06F 8/70 (2018.01)**
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[54] **EVALUATING APPLICATION COMPATIBILITY**
[54] **EVALUER LA COMPATIBILITE D'UNE APPLICATION**
[72] GILL, SUNBIR, US
[72] RAJAGOPALAN, KRISHNA K., US
[72] JONES, MATTHEW A., US
[72] KO, KENNETH CHUNG KAY, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2014-12-30
[86] 2013-07-01 (PCT/US2013/048852)
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[25] EN
[54] **WELLBORE DESANDING SYSTEM**
[54] **SYSTEME DE DESSABLAGE DE TROU DE FORAGE**
[72] WOLF, MARK E., US
[72] AHMED, TARIQ, US
[72] THOMAS, GARETH DAVID, GB
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2015-02-03
[86] 2013-08-06 (PCT/US2013/053871)
[87] (WO2014/025835)
[30] US (61/680,090) 2012-08-06

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[13] C
[51] **Int.Cl. H01H 71/08 (2006.01)**
[25] EN
[54] **CIRCUIT BREAKER**
[54] **DISJONCTEUR**
[72] LU, QIAN, CN
[72] YAN, PENGBIN, CN
[73] NOARK ELECTRICS (SHANGHAI) CO. LTD., CN
[85] 2015-02-12
[86] 2013-03-26 (PCT/CN2013/073184)
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[25] EN
[54] **VARICELLA ZOSTER VIRUS VACCINE**
[54] **VACCIN CONTRE LE VIRUS VARICELLE-ZONA**
[72] HANON, EMMANUEL JULES, BE
[72] STEPHENNE, JEAN, BE
[73] GLAXOSMITHKLINE BIOLOGICALS S.A., BE
[86] (2882255)
[87] (2882255)
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[54] **LOCK STATUS INDICATOR**
[54] **INDICATEUR D'ETAT BLOQUE**
[72] CLARY, BRADLEY THOMAS, US
[72] VERDERAIME, STEVEN, US
[73] SCHLAGE LOCK COMPANY LLC, US
[86] (2883092)
[87] (2883092)
[22] 2015-02-25
[30] US (14/189,615) 2014-02-25

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[51] **Int.Cl. B65G 65/46 (2006.01) B65G 69/18 (2006.01)**
[25] EN
[54] **UNLOADING SYSTEM FOR BULK MATERIAL FROM A TRANSPORT VESSEL, IN PARTICULAR A CONTAINER**
[54] **SYSTEME DE DECHARGEMENT POUR MATIERE EN VRAC A PARTIR D'UN NAVIRE DE TRANSPORT, EN PARTICULIER UN CONTENEUR**
[72] HANSES, CHRISTIAN, DE
[72] SITTA, ROLAND, DE
[73] POOL INVEST GMBH, DE
[85] 2015-03-05
[86] 2013-09-12 (PCT/EP2013/068955)
[87] (WO2014/048764)
[30] DE (10 2012 109 292.3) 2012-09-29

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[25] EN
[54] **SOLID FORMS OF SELECTIVE ANDROGEN RECEPTOR MODULATORS**
[54] **FORMES SOLIDES DE MODULATEURS DE RECEPTEUR D'ANDROGENE**
[72] DALTON, JAMES T., US
[72] DICKASON, DAVE, US
[72] HONG, DAVID, US
[72] BIRD, THOMAS G., US
[72] AHN, TAI, US
[73] GTX, INC., US
[86] (2886501)
[87] (2886501)
[22] 2008-09-11
[62] 2,709,118
[30] US (60/960,012) 2007-09-11

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[51] **Int.Cl. C04B 7/36 (2006.01) C04B 24/04 (2006.01)**
[25] EN
[54] **CEMENT COMPOSITIONS COMPRISING DEAGGLOMERATED INORGANIC NANOTUBES AND ASSOCIATED METHODS**
[54] **COMPOSITIONS DE CIMENT COMPRENANT DES NANOTUBES INORGANIQUES DESAGGLOMERES ET PROCEDES ASSOCIES**
[72] PATIL, RAHUL CHANDRAKANT, IN
[72] MUTHUSAMY, RAMESH, IN
[72] REDDY, B. RAGHAVA, US
[72] DESHPANDE, ABHIMANYU PRAMOD, IN
[72] BOSE, SOHINI, IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-03-26
[86] 2013-09-27 (PCT/US2013/062187)
[87] (WO2014/052757)
[30] US (13/630,920) 2012-09-28

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[51] **Int.Cl. C07D 233/76 (2006.01) A61K 31/4166 (2006.01)**
[25] EN
[54] **(4-CYCLOPROPYL-2,5-DIOXO-IMIDAZOLIDIN-4-YL)METHYL AMIDE COMPOUNDS AND THEIR USE AS AGGRECANASE INHIBITORS**
[54] **COMPOSES D'AMIDE (4-CYCLOPROPYL-2,5-DIOXO-IMIDAZOLIDIN-4-YL)METHYLE ET LEURS UTILISATIONS COMME INHIBITEURS D'AGGRECANASE**
[72] DURHAM, TIMOTHY BARRETT, US
[72] MARIMUTHU, JOTHIRAJAH, US
[72] WILEY, MICHAEL ROBERT, US
[73] ELI LILLY AND COMPANY, US
[85] 2015-03-26
[86] 2013-10-18 (PCT/US2013/065591)
[87] (WO2014/066151)
[30] US (61/718,965) 2012-10-26

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[13] C
[51] **Int.Cl. B24D 3/02 (2006.01) B24D 11/00 (2006.01) B24D 18/00 (2006.01)**
[25] EN
[54] **ABRASIVE ARTICLE INCORPORATING AN INFILTRATED ABRASIVE SEGMENT**
[54] **ARTICLE ABRASIF INCORPORANT UN SEGMENT ABRASIF INFILTRE**
[72] HOANG, MARC L., FR
[72] GOSAMO, IGNAZIO, BE
[72] HEYEN, ANDRE R.G., BE
[73] SAINT-GOBAIN ABRASIVES, INC., US
[73] SAINT-GOBAIN ABRASIFS, FR
[86] (2887148)
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[22] 2010-12-31
[62] 2,785,572
[30] US (61/291,785) 2009-12-31

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[25] EN
[54] **DYNAMIC SEARCH PARTITIONING**
[54] **PARTITIONNEMENT DE RECHERCHE DYNAMIQUE**
[72] GOLDBERG, JONATHAN MICHAEL, US
[72] HANDLER, JONATHAN BLAKE, US
[72] MAKHANI, ASIF MANSOOR ALI, US
[72] NWOKAH, EKECHI KARL EDOZLE, US
[73] A9.COM, INC., US
[85] 2015-04-10
[86] 2013-10-12 (PCT/US2013/064731)
[87] (WO2014/059394)
[30] US (13/650,961) 2012-10-12
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[25] EN
[54] **EXPANDABLE COATING FOR SOLID PARTICLES AND ASSOCIATED METHODS OF USE IN SUBTERRANEAN TREATMENTS**
[54] ***REVETEMENT EXPANSIBLE* POUR PARTICULES SOLIDES ET PROCEDES ASSOCIES D'UTILISATION DANS LES TRAITEMENTS SOUTERRAINS**
[72] VILLARREAL, ALFREDO, JR., US
[72] SHUMWAY, WILLIAM WALTER, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-20
[86] 2013-11-15 (PCT/US2013/070405)
[87] (WO2014/078722)
[30] US (13/677,527) 2012-11-15

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[51] **Int.Cl. G01N 33/28 (2006.01)**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR THE DETECTION OF A TAGGING MATERIAL IN FLUIDS**
[54] **PROCEDE ET APPAREIL DE DETECTION D'UNE SUBSTANCE DE MARQUAGE DANS DES FLUIDES**
[72] UREY, HAKAN, TR
[72] YAGCI ACAR, HAVVA, TR
[72] ELBUKEN, CAGLAR, TR
[72] CAN, BASARBATU, TR
[72] AKGUN, OSMAN VEDAT, TR
[72] UYGURMEN, FAHRI KEREM, TR
[73] KOC UNIVERSITESI, TR
[73] KUANTAG NANOTEKNOLOJILER GELISTIRME VE URETIM ANONIM SIRKETI, TR
[85] 2015-04-22
[86] 2012-10-23 (PCT/EP2012/070947)
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[51] **Int.Cl. A47J 31/44 (2006.01) A23F 5/12 (2006.01)**
[25] EN
[54] **A METHOD OF DISPENSING A BEVERAGE, A BEVERAGE PREPARATION MACHINE, AND A SYSTEM**
[54] **PROCEDE DE DISTRIBUTION *D'UNE BOISSON, MACHINE DE* PREPARATION DE BOISSONS ET SYSTEME**
[72] HANSEN, NICK ANDREW, GB
[72] CARR, SIMON, GB
[72] YORK, GEOFF, GB
[72] HALLIDAY, ANDREW, GB
[72] BARTKUS, EGIDIJUS, GB
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2015-04-21
[86] 2013-12-06 (PCT/IB2013/002904)
[87] (WO2014/096949)
[30] GB (1222937.3) 2012-12-19

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[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **MULTI-FRAME PROSTHETIC HEART VALVE**
[54] **VALVULE CARDIAQUE PROTHETIQUE A CADRES MULTIPLES**
[72] BRUCHMAN, WILLIAM C., US
[72] CRAWFORD, DANIEL A., US
[72] HAGAMAN, LOGAN R., US
[72] HARTMAN, CODY L., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2015-05-05
[86] 2013-12-13 (PCT/US2013/074962)
[87] (WO2014/099655)
[30] US (61/739,721) 2012-12-19
[30] US (13/833,650) 2013-03-15

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[51] **Int.Cl. A61F 13/535 (2006.01) A61F 13/536 (2006.01) A61F 13/84 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLES WITH CHANNELS AND SIGNALS**
[54] **ARTICLES ABSORBANTS AYANT DES CANAUX ET DES SIGNAUX**
[72] ROSATI, RODRIGO, DE
[72] KREUZER, CARSTEN HEINRICH, DE
[72] JACKELS, HANS ADOLF, DE
[72] ARIZTI, BLANCA, DE
[72] BIANCHI, ERNESTO G., DE
[72] ROE, DONALD CARROLL, US
[72] BROWN, DARRELL IAN, US
[72] SANBORN, SARAH ANN, DE
[72] FITES, THEODORE CORY, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-05-08
[86] 2013-11-12 (PCT/US2013/069521)
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[30] US (13/675,212) 2012-11-13
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[25] EN
[54] **HORIZONTAL AND VERTICAL WELL FLUID PUMPING SYSTEM**
[54] **SYSTEME DE POMPAGE DE FLUIDE POUR PUITS HORIZONTAL ET VERTICAL**
[72] LAING, ERIC, CA
[72] STEELE, GEOFF, CA
[72] FLETCHER, DAN, CA
[72] OHMER, HERVE, US
[73] RAISE PRODUCTION, INC., CA
[86] (2890987)
[87] (2890987)
[22] 2012-12-17
[62] 2,823,495
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[51] **Int.Cl. A47L 13/256 (2006.01) A47L 13/258 (2006.01)**
[25] EN
[54] **WIPING DEVICE**
[54] **DISPOSITIF D'ESSUYAGE**
[72] RUCKHEIM, MARKUS, DE
[72] EISENHUT, ANDREAS, DE
[72] DEERBERG, JENS, DE
[72] GRATZKI, TORSTEN, DE
[73] CARL FREUDENBERG KG, DE
[85] 2015-05-14
[86] 2013-08-08 (PCT/EP2013/002379)
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[51] **Int.Cl. F26B 21/06 (2006.01) A01F 25/22 (2006.01) F26B 3/06 (2006.01) F26B 9/10 (2006.01) F26B 25/22 (2006.01)**
[25] EN
[54] **EQUILIBRIUM MOISTURE GRAIN DRYING WITH HEATER AND VARIABLE SPEED FAN**
[54] **SECHOIR A GRAIN HUMIDE EQUILIBRE DOTE D'UN DISPOSITIF CHAUFFANT ET D'UN VENTILATEUR A VITESSE VARIABLE**
[72] BLOEMENDAAL, BRENT J., US
[72] MIELKE, ROSS ALAN, US
[72] BENNER, MORGEN, US
[73] CTB, INC., US
[86] (2893585)
[87] (2893585)
[22] 2015-05-28
[30] US (62/010,229) 2014-06-10
[30] US (14/718,566) 2015-05-21

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[25] EN
[54] **LANDING COLLAR, DOWNHOLE SYSTEM HAVING LANDING COLLAR, AND METHOD**
[54] **COLLIER D'ATTERRISSAGE, MECANISME DE FOND DE TROU DOTE D'UN COLLIER D'ATTERRISSAGE**
[72] GOEBEL, KEVIN M., US
[73] BAKER HUGHES INCORPORATED, US
[86] (2894022)
[87] (2894022)
[22] 2015-06-09
[30] US (14/329,159) 2014-07-11

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[51] **Int.Cl. A01M 23/34 (2006.01)**
[25] EN
[54] **FOOT SNARE TRIGGERING DEVICE**
[54] **DISPOSITIF DE DECLENCHEMENT DE COLLET A PIED**
[72] DEMERS, MICHAEL STEVEN, US
[73] UNIVERSAL SELECT-A-CATCH, LLC, US
[86] (2894093)
[87] (2894093)
[22] 2015-06-10

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[13] C
[51] **Int.Cl. E01B 29/16 (2006.01) E01B 29/05 (2006.01)**
[25] EN
[54] **RAIL LOADING AND UNLOADING MACHINE**
[54] **MACHINE DE CHARGEMENT ET DE DECHARGEMENT DE RAILS**
[72] HERZOG, STANLEY M., US
[72] BOUNDS, IVAN E., US
[73] HERZOG RAIL ROAD SERVICES, INC., US
[85] 2015-06-08
[86] 2014-02-03 (PCT/US2014/014499)
[87] (WO2014/123821)
[30] US (61/761,494) 2013-02-06

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[13] C
[51] **Int.Cl. F16L 27/08 (2006.01) B63B 27/34 (2006.01) E21B 17/05 (2006.01)**
[25] EN
[54] **SPOOLABLE SWIVEL**
[54] **PIVOT CYLINDRIQUE**
[72] GREIG, SCOTT ROBERT, GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-15
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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 19/02 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **USE OF TNFA INHIBITOR FOR TREATMENT OF EROSIVE POLYARTHRITIS**
[54] **UTILISATION D'UN INHIBITEUR DU TNF ALPHA POUR LE TRAITEMENT DE LA POLYARTHRITE EROSIVE**
[72] HOFFMAN, REBECCA S., US
[72] WEINBERG, MARK, US
[73] ABBVIE BIOTECHNOLOGY LTD., BM
[86] (2898009)
[87] (2898009)
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[30] US (60/681,645) 2005-05-16

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[51] **Int.Cl. B32B 5/18 (2006.01) B32B 7/02 (2006.01) B32B 27/28 (2006.01)**
[25] EN
[54] **LOW GLOSS, AIR PERMEABLE, ABRASION RESISTANT, PRINTABLE LAMINATE CONTAINING AN ASYMMETRIC MEMBRANE AND ARTICLES MADE THEREFROM**
[54] **STRATIFIE DE FAIBLE BRILLANCE, PERMEABLE A L'AIR, RESISTANT A L'ABRASION, IMPRIMABLE, RENFERMANT UNE MEMBRANE ASYMETRIQUE ET ARTICLES OBTENUS A PARTIR DE CELUI-CI**
[72] HODGINS, MICHAEL E., US
[72] SKAIFE, JUSTIN J., US
[72] LUBER, DAVID J., US
[73] W.L. GORE & ASSOCIATES, INC., US
[85] 2015-07-14
[86] 2014-01-09 (PCT/US2014/010767)
[87] (WO2014/113259)
[30] US (61/754,336) 2013-01-18
[30] US (13/830,906) 2013-03-14

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[13] C
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **INFANT FORMULA TRACKING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SUIVI D'UNE PREPARATION POUR NOURRISSONS**
[72] ROWE, JOHN L., CA
[72] PINEAU, BRAD D., CA
[73] TIMELESS MEDICAL SYSTEMS INC., CA
[85] 2015-07-17
[86] 2013-01-17 (PCT/CA2013/000044)
[87] (WO2013/106915)
[30] US (61/587,562) 2012-01-17

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[51] **Int.Cl. F25J 3/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PURIFYING GASES AND METHOD OF REGENERATING THE SAME**
[54] **APPAREIL ET METHODE DE PURIFICATION DE GAZ ET METHODE DE REGENERATION ASSOCIEE**
[72] MILLAN, CONRAD RILLO, ES
[72] DIEDERICHS, JOST, US
[72] SIMMONDS, MICHAEL BANCROFT, US
[73] QUANTUM DESIGN INTERNATIONAL, INC., US
[73] UNIVERSITY OF ZARAGOZA, ES
[73] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, ES
[86] (2899802)
[87] (2899802)
[22] 2015-08-05
[30] US (14/496,821) 2014-09-25

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[51] **Int.Cl. C09K 8/487 (2006.01) E21B 33/138 (2006.01)**
[25] EN
[54] **LOST CIRCULATION COMPOSITION FOR FRACTURE SEALING**
[54] **COMPOSITION DE COLMATANT POUR ETANCHEIFICATION D'UNE FRACTURE**
[72] MILLER, MATTHEW L., US
[72] WHITFILL, DONALD L., US
[72] SCORSONE, JASON T., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-31
[86] 2013-03-01 (PCT/US2013/028691)
[87] (WO2014/133550)

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[13] C
[51] **Int.Cl. A61M 5/30 (2006.01) A61M 5/32 (2006.01) A61M 5/42 (2006.01)**
[25] EN
[54] **NEEDLE ASSISTED JET INJECTION DEVICE HAVING REDUCED TRIGGER FORCE**
[54] **DISPOSITIF D'INJECTION A JET ASSISTEE PAR AIGUILLE AYANT UNE FORCE DE DECLENCHEMENT REDUITE**
[72] TRAVANTY, MICHAEL, US
[73] ANTARES PHARMA, INC., US
[85] 2015-08-07
[86] 2014-02-11 (PCT/US2014/015881)
[87] (WO2014/124464)
[30] US (61/763,395) 2013-02-11
[30] US (61/776,283) 2013-03-11

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[51] **Int.Cl. E21B 34/02 (2006.01) E21B 17/08 (2006.01)**
[25] EN
[54] **ANNULAR PRESSURE RELIEF SYSTEM**
[54] **SYSTEME DE DECHARGE DE PRESSION ANNULAIRE**
[72] MOCK, MICHAEL E., US
[72] SIVLEY ROBERT S., IV, US
[72] MOYER, MARK C., US
[73] HUNTING ENERGY SERVICES, INC., US
[85] 2015-08-07
[86] 2014-02-20 (PCT/US2014/017415)
[87] (WO2014/130684)
[30] US (61/767,560) 2013-02-21
[30] US (14/184,832) 2014-02-20

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[13] C
[51] **Int.Cl. G01M 13/00 (2006.01) G06T 5/00 (2006.01)**
[25] EN
[54] **ENHANCED ANALYSIS FOR IMAGE-BASED SERPENTINE BELT WEAR EVALUATION**
[54] **ANALYSE AMELIOREE POUR UNE EVALUATION D'USURE D'UNE COURROIE MULTIFONCTION BASEE SUR UNE IMAGE**
[72] SOBCZAK, FLLOYD M., US
[72] SEALEY, JAMES H., US
[72] SEDLACEK, DOUGLAS R., US
[72] STUEMKY, MARK E., US
[72] ASCHENBRENNER, JUSTIN L., US
[72] BOURQUE, JAMES CHRISTIAN, US
[73] GATES CORPORATION, US
[85] 2015-08-18
[86] 2014-02-26 (PCT/US2014/018560)
[87] (WO2014/163884)
[30] US (61/776,600) 2013-03-11
[30] US (14/055,156) 2013-10-16

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[51] **Int.Cl. F01D 25/08 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01) F02C 7/24 (2006.01)**
[25] EN
[54] **PRODUCTION OF TURBINE COMPONENTS WITH HEAT-EXTRACTING FEATURES USING ADDITIVE MANUFACTURING**
[54] **PRODUCTION DE COMPOSANTES DE TURBINE DOTEES DE CARACTERISTIQUES D'EXTRACTION DE CHALEUR AU MOYEN D'UN PROCEDE DE FABRICATION ADDITIF**
[72] STASTNY, HONZA, CA
[72] RICHARD, FRANCOIS, CA
[72] COTE, MARJOLAINE, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2903808)
[87] (2903808)
[22] 2015-09-10
[30] US (62/065,525) 2014-10-17
[30] US (14/671,229) 2015-03-27

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[13] C
[51] **Int.Cl. E21B 36/04 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **HYDROCARBON RESOURCE HEATING APPARATUS INCLUDING RF CONTACTS AND GREASE INJECTOR AND RELATED METHODS**
[54] **APPAREIL DE CHAUFFAGE D'HYDROCARBURES COMPORTANT DES CONTACTS RF ET UN INJECTEUR A GRAISSE, ET METHODES ASSOCIEES**
[72] WRIGHT, BRIAN N., US
[72] HANN, MURRAY T., US
[72] HEWIT, RAYMOND C., US
[72] LINKEWICH, ZACHARY LINC ALEXANDER, CA
[72] WATT, ALAN, CA
[73] HARRIS CORPORATION, US
[86] (2904691)
[87] (2904691)
[22] 2015-09-16
[30] US (14/491,563) 2014-09-19

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[13] C
[51] **Int.Cl. A47C 20/04 (2006.01) A47C 31/00 (2006.01)**
[25] EN
[54] **SWITCHING MEANS FOR AN ADJUSTABLE FOUNDATION SYSTEM**
[54] **MOYENS DE COMMUTATION POUR UN SYSTEME A SUPPORTS REGLABLES**
[72] CHEN, YI-CHING, US
[72] MCGUIRE, JOHN, US
[72] STUSYNSKI, STACY, US
[73] SLEEP NUMBER CORPORATION, US
[85] 2015-09-10
[86] 2014-03-10 (PCT/US2014/022705)
[87] (WO2014/164528)
[30] US (61/776,447) 2013-03-11

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[13] C
[51] **Int.Cl. A47C 31/00 (2006.01) A47C 27/08 (2006.01)**
[25] EN
[54] **INFLATABLE AIR MATTRESS SYSTEM ARCHITECTURE**
[54] **ARCHITECTURE DE SYSTEME DE MATELAS A AIR GONFLABLE**
[72] NUNN, ROB, US
[72] TILSTRA, MATTHEW WAYNE, US
[72] HILDEN, MATTHEW GLEN, US
[72] MAHONEY, PAUL JAMES, US
[73] SLEEP NUMBER CORPORATION, US
[85] 2015-09-11
[86] 2014-03-14 (PCT/US2014/027752)
[87] (WO2014/152793)
[30] US (61/781,503) 2013-03-14

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[13] C
[51] **Int.Cl. H04N 19/70 (2014.01) H04N 19/152 (2014.01) H04N 19/30 (2014.01)**
[25] EN
[54] **INDIVIDUAL BUFFER MANAGEMENT IN VIDEO CODING**
[54] **GESTION DE TAMPONS INDIVIDUELS LORS D'UN CODAGE VIDEO**
[72] NARASIMHAN, MANDAYAM A., US
[72] LUTHRA, AJAY K., US
[73] ARRIS ENTERPRISES LLC, US
[85] 2015-10-05
[86] 2014-04-07 (PCT/US2014/033231)
[87] (WO2014/168890)
[30] US (61/809,741) 2013-04-08
[30] US (14/246,674) 2014-04-07

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[13] C
[51] **Int.Cl. H01F 27/02 (2006.01) H01F 27/30 (2006.01)**
[25] EN
[54] **TANK FOR ELECTRICAL EQUIPMENT**
[54] **RESERVOIR DESTINE A UN EQUIPEMENT ELECTRIQUE**
[72] BRODEUR, SAMUEL, CA
[73] ABB SCHWEIZ AG, CH
[86] (2908980)
[87] (2908980)
[22] 2015-10-08
[30] US (14/515,150) 2014-10-15

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[13] C
[51] **Int.Cl. H01M 8/242 (2016.01) H01M 8/0273 (2016.01) H01M 8/1004 (2016.01) H01M 8/2483 (2016.01)**
[25] EN
[54] **CELL STRUCTURE FOR FUEL CELL STACK**
[54] **STRUCTURES DE CELLULES D'UN EMPILEMENT DE PILE A COMBUSTIBLE**
[72] KAGEYAMA, KAZUHIRO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2015-10-08
[86] 2014-03-24 (PCT/JP2014/058032)
[87] (WO2014/174959)
[30] JP (2013-089134) 2013-04-22

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[13] C
[51] **Int.Cl. F16J 15/00 (2006.01) F16J 9/00 (2006.01)**
[25] EN
[54] **EXPANDABLE HIGH PRESSURE AND HIGH TEMPERATURE SEAL**
[54] **JOINT EXTENSIBLE A HAUTE PRESSION ET A HAUTE TEMPERATURE**
[72] GOMEZ, LEOPOLDO S., US
[72] NANAWARE, GANESH K., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2015-10-14
[86] 2014-04-14 (PCT/US2014/033995)
[87] (WO2014/179019)
[30] US (13/872,587) 2013-04-29

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[13] C
[51] **Int.Cl. H04L 29/08 (2006.01)**
[25] EN
[54] **MONITORING AND DISPLAYING AN ABSORPTION STATE OF AN ABSORBENT ARTICLE**
[54] **SURVEILLANCE ET AFFICHAGE D'UN ETAT ABSORPTION D'UN ARTICLE ABSORBANT**
[72] BERGSTROM, PER, SE
[72] OLOFSSON RANTA, CHRISTER, SE
[72] ALSNAS, BJORN, SE
[73] SCA HYGIENE PRODUCTS AB, SE
[85] 2015-10-28
[86] 2013-04-30 (PCT/EP2013/059045)
[87] (WO2014/177203)

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[13] C
[51] **Int.Cl. C12N 5/10 (2006.01) A23L 19/12 (2016.01) A01H 6/82 (2018.01) A01H 1/02 (2006.01) A01H 1/04 (2006.01) A01H 5/00 (2018.01) C12N 5/04 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **POTATO CULTIVAR E12**
[54] **CULTIVAR DE POMME DE TERRE E12**
[72] ROMMENS, CAIUS, US
[72] WEEKS, TROY, US
[72] RICHAEL, CRAIG, US
[72] YAN, HUA, US
[72] YE, JINGSONG, US
[73] J.R. SIMPLOT COMPANY, US
[85] 2015-10-29
[86] 2013-11-05 (PCT/US2013/068543)
[87] (WO2014/178910)
[30] US (61/818,752) 2013-05-02

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[13] C
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **FLUID CONTROL DEVICE AND FLUID CONTROL SYSTEM**
[54] **DISPOSITIF DE CONTROLE DE FLUX ET SYSTEME DE CONTROLE DE FLUX**
[72] CAO, XUEHONG, CN
[72] ZHENG, JINZHONG, CN
[72] DUAN, HUIZHU, CN
[72] ZHANG, JINBING, CN
[72] DENG, GUANGYAO, CN
[72] XU, ZHENGHUA, CN
[73] ANTON OILFIELD SERVICES (GROUP) LTD., CN
[86] (2911725)
[87] (2911725)
[22] 2015-11-10

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[25] EN
[54] **AN AIRCRAFT ASSEMBLY WITH LOAD AND POSITION INDICATOR**
[54] **UN MECANISME D'AERONEF DOTE D'UN INDICATEUR DE CHARGE ET DE POSITION**
[72] LACY, STUART JOHN, GB
[72] GURUNG, INDRAKAJI, GB
[73] GE AVIATION SYSTEMS LIMITED, GB
[86] (2911799)
[87] (2911799)
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[30] GB (1420283.2) 2014-11-14

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[25] EN
[54] **AIRBORNE COMPONENT EXTRACTOR WITH BAFFLED DEBRIS COLLECTION**
[54] **EXTRACTEUR D'ELEMENTS EN SUSPENSION DANS L'AIR A CHICANES DE COLLECTE DE DEBRIS**
[72] HAMMERS, BRIAN J., US
[72] MASKE, WILLIAM, US
[72] FRANK, ADAM JOSEPH, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-11-10
[86] 2014-06-25 (PCT/US2014/044119)
[87] (WO2014/210170)
[30] US (61/840,912) 2013-06-28
[30] US (14/300,598) 2014-06-10

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[51] **Int.Cl. B07B 1/28 (2006.01)**
[25] EN
[54] **CROSS-FLOW SHAKER AND METHOD FOR USING THE SAME**
[54] **AGITATEUR A COURANT TRANSVERSAL ET PROCEDE D'UTILISATION**
[72] CADY, ERIC, US
[72] JONES, BRADLEY, US
[73] M-I L.L.C., US
[85] 2015-11-12
[86] 2014-05-15 (PCT/US2014/038023)
[87] (WO2014/186481)
[30] US (61/823,619) 2013-05-15

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[51] **Int.Cl. C09K 8/035 (2006.01) C09K 8/04 (2006.01) C09K 8/54 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **REDUCING SUGAR-BASED SULFIDE SCAVENGERS AND METHODS OF USE IN SUBTERRANEAN OPERATIONS**
[54] **CAPTEURS DE SULFURE A BASE DE SUCRES REDUCTEURS ET PROCEDES D'UTILISATION DE CEUX-CI DANS DES OPERATIONS SOUTERRAINES**
[72] MCDANIEL, CATO RUSSELL, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-11-12
[86] 2014-06-13 (PCT/US2014/042361)
[87] (WO2014/209639)
[30] US (13/927,714) 2013-06-26

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[51] **Int.Cl. A47F 3/04 (2006.01) F25D 23/02 (2006.01)**
[25] EN
[54] **DOOR FOR A REFRIGERATED MERCHANDISER**
[54] **PORTE DE PRESENTOIR REFRIGERE**
[72] TWOHY, RAYMOND P., US
[73] HUSSMANN CORPORATION, US
[86] (2912448)
[87] (2912448)
[22] 2015-11-18
[30] US (14/570,723) 2014-12-15

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[51] **Int.Cl. A61B 17/30 (2006.01) A61B 1/00 (2006.01) A61B 1/32 (2006.01) A61B 17/00 (2006.01) A61M 29/02 (2006.01)**
[25] EN
[54] **VACUUM-ASSISTED PANCREATICOBILIARY CANNULATION**
[54] **CANULATION BILIO-PANCREATIQUE ASSISTEE PAR DEPRESSION**
[72] KAPPEL, GARY S., US
[72] NAHON, VANESSA, US
[72] FIRSTENBERG, LAURA E., US
[72] WINDHEUSER, JAMES E., US
[72] BALDERRAMA, DESIREE D., US
[72] MANNION, PAUL, US
[72] SIMANI, HEATHER A., US
[72] COHEN, ADAM L., US
[72] CROWLEY, PETER, US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2015-11-12
[86] 2014-06-03 (PCT/US2014/040636)
[87] (WO2014/197444)
[30] US (61/830,931) 2013-06-04
[30] US (14/293,162) 2014-06-02

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[51] **Int.Cl. G01M 17/02 (2006.01) B60C 25/00 (2006.01)**
[25] EN
[54] **TIRE UNIFORMITY IMPROVEMENT THROUGH IMPROVED PROCESS HARMONIC RESOLUTION**
[54] **AMELIORATION D'UNIFORMITE DE PNEUMATIQUE PAR RESOLUTION HARMONIQUE DE TRAITEMENT AMELIOREE**
[72] MAWBY, WILLIAM DAVID, US
[73] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[73] MICHELIN RECHERCHE ET TECHNIQUE, S.A., CH
[85] 2015-11-13
[86] 2014-06-18 (PCT/US2014/042903)
[87] (WO2014/205058)
[30] US (61/836,261) 2013-06-18

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[13] C
[51] **Int.Cl. A63H 17/02 (2006.01)**
[25] EN
[54] **FLIPPING AND TRANSFORMING TOY VEHICLE CAPABLE OF GRIPPING TOYS**
[54] **RENVERSEMENT ET TRANSFORMATION D'UN VEHICULE JOUET CAPABLE DE SAISIR DES JOUETS**
[72] CAI, DONGQING, CN
[73] GUANGDONG ALPHA ANIMATION & CULTURE CO., LTD., CN
[73] GUANGDONG AULDEY ANIMATION & TOY CO., LTD., CN
[73] GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD., CN
[85] 2015-11-27
[86] 2015-06-30 (PCT/CN2015/082930)
[87] (WO2016/065916)
[30] CN (201410584205.9) 2014-10-28

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[51] **Int.Cl. B09B 3/00 (2006.01) A62D 3/00 (2007.01)**
[25] EN
[54] **SOLIDIFICATION OF WASTE BRINE FROM IN SITU HYDROCARBON RECOVERY OPERATIONS WITH INSULATION MATERIAL**
[54] **SOLIDIFICATION DE SAUMURE RESIDUELLE DES OPERATIONS DE RECUPERATION D'HYDROCARBURE SUR PLACE AU MOYEN DE MATERIAU ISOLANT**
[72] PERNITSKY, DAVID, CA
[72] SELINGER, ANITA, CA
[72] OMOTOSO, OLADIPO, CA
[72] ARMSTRONG, COLLIN, CA
[73] SUNCOR ENERGY INC., CA
[86] (2914215)
[87] (2914215)
[22] 2015-11-26

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[13] C
[51] **Int.Cl. B08B 15/00 (2006.01) B08B 15/02 (2006.01) B23K 9/32 (2006.01) B23K 26/14 (2014.01) B23K 37/08 (2006.01) H02H 11/00 (2006.01)**
[25] EN
[54] **PORTABLE AIRBORNE COMPONENT EXTRACTOR WITH THREE-PHASE MOTOR HAVING ROTATIONAL DIRECTION CONTROL**
[54] **EXTRACTEUR DE COMPOSANTS ATMOSPHERIQUES PORTABLES TRIPHASE A COMMANDE DE DIRECTION ROTATOIRE**
[72] HAMMERS, BRIAN J., US
[72] MASKE, WILLIAM, US
[72] FRANK, ADAM JOSEPH, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-12-02
[86] 2014-05-06 (PCT/US2014/036956)
[87] (WO2014/209503)
[30] US (61/840,926) 2013-06-28
[30] US (14/014,756) 2013-08-30

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[51] **Int.Cl. H04L 29/12 (2006.01)**
[25] EN
[54] **A COMMUNICATION SYSTEM TO PROVIDE SELECTIVE ACCESS TO A WIRELESS COMMUNICATION DEVICE**
[54] **SYSTEME DE COMMUNICATION FOURNISSANT UN ACCES SELECTIF A UN DISPOSITIF DE COMMUNICATIONS SANS FIL**
[72] BERTZ, LYLE T., US
[72] HIRSCHMAN, CHARLES BRENT, US
[72] SEAGREN, CHRISTIAN ERIK, US
[73] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2015-12-03
[86] 2014-06-05 (PCT/US2014/041039)
[87] (WO2014/197668)
[30] US (13/910,636) 2013-06-05

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[25] EN
[54] **ADDITIVE MANUFACTURING SYSTEMS FOR AND A METHOD OF SURFACE OVERLAY BEFORE JOINING, USING A PLURALITY OF ANCHORING MATERIALS AND TEMPERATURE CONTROL DEVICE**
[54] **SYSTEMES DE FABRICATION ADDITIVE ET PROCEDES DE SUPERPOSITION DE SURFACE UTILISANT UNE PLURALITE DE MATERIAUX D'ANCRAGE ET DISPOSITIF DE REGULATION DE TEMPERATURE**
[72] ALBRECHT, BRUCE PATRICK, US
[72] HSU, CHRISTOPHER, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2015-12-09
[86] 2014-07-15 (PCT/US2014/046769)
[87] (WO2015/009769)
[30] US (61/846,935) 2013-07-16
[30] US (14/330,845) 2014-07-14

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[13] C
[51] **Int.Cl. B01J 3/00 (2006.01) C01B 33/035 (2006.01)**
[25] EN
[54] **IMPROVED VIEWING PORT DESIGN FOR USE IN PRODUCTION OF POLYCRYSTALLINE SILICON**
[54] **MODELE D'ORIFICE DE VISIONNEMENT AMELIORE DESTINE A LA PRODUCTION DE SILICIUM POLYCRISTALIN**
[72] KLOSE, GORAN, DE
[72] KRAUS, HEINZ, DE
[72] SALZEDER, FRANZ, DE
[73] WACKER CHEMIE AG, DE
[85] 2015-12-18
[86] 2014-07-10 (PCT/EP2014/064851)
[87] (WO2015/014590)
[30] DE (10 2013 214 799.6) 2013-07-29

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[13] C
[51] **Int.Cl. B26B 21/54 (2006.01) B23P 15/40 (2006.01)**
[25] EN
[54] **INTEGRATED MULTIPLE RAZOR BLADE AND MANUFACTURING METHOD THEREFOR**
[54] **LAME DE RASOIR MULTIPLE INTEGREE ET PROCEDE DE FABRICATION POUR CELLE-CI**
[72] YOO, HYOUNG SEOK, KR
[72] JANG, SEONG IL, KR
[72] NAMKUNG, MYOUNG CHAN, KR
[72] YOO, KWANG SOK, KR
[73] INFINO INC, KR
[85] 2015-12-23
[86] 2014-03-11 (PCT/KR2014/002018)
[87] (WO2014/208866)
[30] KR (10-2013-0074891) 2013-06-27
[30] KR (10-2013-0111279) 2013-09-16

[11] **2,916,994**
[13] C
[51] **Int.Cl. B23K 9/32 (2006.01) B23K 9/10 (2006.01)**
[25] EN
[54] **FORCE SENSING CONTROL APPARATUS FOR WELDING MACHINES**
[54] **APPAREIL DE COMMANDE DE DETECTION DE FORCE POUR MACHINES DE SOUDAGE**
[72] VOGEL, DAVID, US
[72] SKINNER, GARY F., US
[73] VOGEL, DAVID, US
[73] SKINNER, GARY F., US
[86] (2916994)
[87] (2916994)
[22] 2016-01-07
[30] US (14/591,832) 2015-01-07

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[13] C
[51] **Int.Cl. A63H 1/30 (2006.01)**
[25] EN
[54] **HAND-HELD YO-YO BALL CAPABLE OF MANUALLY STORING ENERGY**
[54] **BALLE DE YO-YO TENUE A LA MAIN CAPABLE DE STOCKER L'ENERGIE MANUELLEMENT**
[72] CAI, DONGQING, CN
[73] GUANGDONG ALPHA ANIMATION & CULTURE CO., LTD., CN
[73] GUANGDONG AULDEY ANIMATION & TOY CO., LTD., CN
[73] GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD., CN
[85] 2016-01-07
[86] 2015-01-17 (PCT/CN2015/070950)
[87] (WO2016/061917)
[30] CN (201410575168.5) 2014-10-25

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[13] C
[51] **Int.Cl. G01N 3/32 (2006.01) G01B 11/00 (2006.01) G01N 22/04 (2006.01)**
[25] EN
[54] **METHOD OF WOOD STRENGTH AND STIFFNESS PREDICTION**
[54] **PROCEDE DE PREDICTION DE RESISTANCE ET DE RIGIDITE DE BOIS**
[72] BIERNACKI, JACEK, CA
[72] FLATMAN, CARL, CA
[72] WOODS, STEVE, CA
[72] LAHODA, RON, CA
[73] USNR/KOCKUMS CANCAR COMPANY, US
[86] (2917094)
[87] (2917094)
[22] 2004-05-26
[62] 2,530,919
[30] US (60/473,385) 2003-05-27

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[13] C
[51] **Int.Cl. H01M 2/12 (2006.01) H01M 10/12 (2006.01)**
[25] EN
[54] **VENT ADAPTER FOR LEAD-ACID BATTERY SYSTEMS**
[54] **ADAPTATEUR D'EVENT POUR SYSTEMES DE BATTERIE D'ACCUMULATEURS AU PLOMB**
[72] JUDS, JEFFREY H., US
[72] LIEDHEGNER, JOSEPH E., US
[73] JOHNSON CONTROLS TECHNOLOGY COMPANY, US
[85] 2016-01-05
[86] 2014-07-24 (PCT/US2014/048044)
[87] (WO2015/013526)
[30] US (61/858,370) 2013-07-25
[30] US (14/337,479) 2014-07-22

[11] **2,918,189**
[13] C
[51] **Int.Cl. E04B 1/41 (2006.01) E04C 5/01 (2006.01)**
[25] EN
[54] **HOLDER AND CONCRETE ANCHOR ASSEMBLIES**
[54] **ENSEMBLES SUPPORT ET ANCRE A BETON**
[72] ESPINOSA, THOMAS M., US
[73] ESPINOSA, THOMAS M., US
[85] 2016-01-13
[86] 2013-08-06 (PCT/US2013/053765)
[87] (WO2014/025760)
[30] US (61/679,985) 2012-08-06

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[13] C
[51] **Int.Cl. G06F 21/32 (2013.01) G06F 3/01 (2006.01) G06F 3/03 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **PALM IDENTIFICATION AND IN-PLACE PERSONALIZED INTERACTIVE DISPLAY**
[54] **IDENTIFICATION DE PAUME ET AFFICHAGE INTERACTIF PERSONNALISE EN PLACE**
[72] MACHO, DUSAN, US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2016-01-14
[86] 2014-07-11 (PCT/US2014/046331)
[87] (WO2015/009563)
[30] US (13/943,953) 2013-07-17

[11] **2,918,544**
[13] C
[51] **Int.Cl. F16D 41/20 (2006.01) F16D 7/02 (2006.01) F16D 13/76 (2006.01)**
[25] EN
[54] **CRANKSHAFT ISOLATING DECOUPLER**
[54] **MOYEN DE DECOUPLAGE POUR ISOLEMENT DE VILEBREQUIN**
[72] SERKH, ALEXANDER, US
[73] GATES CORPORATION, US
[85] 2016-01-15
[86] 2014-07-25 (PCT/US2014/048278)
[87] (WO2015/017284)
[30] US (13/952,886) 2013-07-29

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[13] C
[51] **Int.Cl. A23G 1/00 (2006.01) A23G 1/20 (2006.01) A23G 3/34 (2006.01)**
[25] EN
[54] **APPARATUS & METHOD FOR PRODUCING A MOLDED FOOD ITEM**
[54] **APPAREIL ET PROCEDES DE PRODUCTION D'UN ALIMENT MOULE**
[72] WHITE, DAVID, GB
[72] GUSTAV, THORNSTEN, GB
[72] ROCKLAGE, BERNARD, DE
[72] SCHULZ, MICHAEL, DE
[73] KRAFT FOODS R&D, INC., US
[85] 2016-01-20
[86] 2014-09-19 (PCT/IB2014/064668)
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[30] GB (1316737.4) 2013-09-20

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[13] C
[51] **Int.Cl. C21C 7/00 (2006.01) C21C 5/52 (2006.01) F27D 17/00 (2006.01) F27D 19/00 (2006.01)**
[25] EN
[54] **EXHAUST GAS TREATMENT METHOD AND EXHAUST GAS TREATMENT FACILITY**
[54] **PROCEDE DE TRAITEMENT DE GAZ D'ECHAPPEMENT ET DISPOSITIF DE TRAITEMENT DE GAZ D'ECHAPPEMENT**
[72] YOSHIDA, KAZUKI, JP
[72] HARADA, TOSHIYA, JP
[72] ARAI, TAKASHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-01-20
[86] 2014-07-24 (PCT/JP2014/069567)
[87] (WO2015/012354)
[30] JP (2013-153536) 2013-07-24

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[13] C
[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/46 (2006.01) C09K 8/50 (2006.01)**
[25] EN
[54] **YIELDING OF HYDRATED LIME IN SET-DELAYED AND OTHER SETTABLE COMPOSITIONS**
[54] **PRODUCTION D'HYDROXYDE DE CALCIUM DANS DES COMPOSITIONS A DURCISSEMENT RETARDE ET D'AUTRES COMPOSITIONS DURCISSABLES**
[72] PISKLAK, THOMAS JASON, US
[72] LEWIS, SAMUEL J., US
[72] AGAPIOU, KYRIACOS, US
[72] BOUL, PETER JAMES, US
[72] OTIENO, PAULINE AKINYI, US
[72] BROTHERS, LANCE EVERETT, US
[72] MORGAN, RONNIE GLEN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-25
[86] 2013-09-09 (PCT/US2013/058711)
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[13] C
[51] **Int.Cl. A47J 31/44 (2006.01) A47J 31/40 (2006.01) A47J 43/07 (2006.01)**
[25] EN
[54] **AGITATION BLADE, AGITATION APPARATUS, BEVERAGE PREPARATION APPARATUS, AND AGITATION PORTION**
[54] **LAME D'AGITATION, DISPOSITIF D'AGITATION, DISPOSITIF DE FABRICATION DE BOISSON ET PIECE D'AGITATION**
[72] SHIMA, HIDEKAZU, JP
[72] MISUMI, MASARU, JP
[72] SAWADA, TAKESHI, JP
[73] SHARP KABUSHIKI KAISHA, JP
[85] 2016-02-01
[86] 2014-08-04 (PCT/JP2014/070447)
[87] (WO2015/019988)
[30] JP (2013-162316) 2013-08-05
[30] JP (2014-016471) 2014-01-31

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[13] C
[51] **Int.Cl. A01C 7/20 (2006.01) A01C 7/16 (2006.01)**
[25] EN
[54] **SEED TENDER WITH INTERCHANGEABLE CONVEYORS**
[54] **CHARIOT DE SEMENCES EQUIPE DE TRANSPORTEURS ECHANGEABLES**
[72] NEUFELD, JUAN, CA
[72] GRINDLE, JEFFREY PAUL, US
[73] MERIDIAN MANUFACTURING INC., CA
[86] (2920238)
[87] (2920238)
[22] 2016-02-08
[30] US (14/616183) 2015-02-06

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[51] **Int.Cl. F42B 12/72 (2006.01)**
[25] EN
[54] **PROJECTILE FOR SIMULATING BIRD STRIKE**
[54] **PROJECTILE PERMETTANT DE SIMULER UN IMPACT D'OISEAU**
[72] FUKUSHIGE, SHINYA, JP
[72] USHIDA, HIROHISA, JP
[73] IHI CORPORATION, JP
[85] 2016-02-04
[86] 2014-03-12 (PCT/JP2014/056454)
[87] (WO2015/019649)
[30] JP (2013-162321) 2013-08-05

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[13] C
[51] **Int.Cl. C09K 8/42 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **SET-DELAYED CEMENT COMPOSITIONS COMPRISING PUMICE AND ASSOCIATED METHODS**
[54] **COMPOSITIONS DE CIMENT A DURCISSEMENT RETARDE COMPRENANT DE LA PIERRE PONCE, ET PROCEDES ASSOCIES**
[72] LEWIS, SAMUEL J., US
[72] PISKLAK, THOMAS JASON, US
[72] AGAPIOU, KYRIACOS, US
[72] BOUL, PETER JAMES, US
[72] BROTHERS, LANCE EVERETT, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-12
[86] 2014-09-05 (PCT/US2014/054380)
[87] (WO2015/035227)
[30] US (14/019,730) 2013-09-06

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[13] C
[51] **Int.Cl. E21B 33/13 (2006.01) C09K 8/42 (2006.01)**
[25] EN
[54] **CEMENT SET ACTIVATORS FOR CEMENT COMPOSITIONS AND ASSOCIATED METHODS**
[54] **ACTIVATEURS DE PRISE DE CIMENT POUR COMPOSITIONS DE CIMENT ET PROCEDES ASSOCIES**
[72] PISKLAK, THOMAS JASON, US
[72] BROTHERS, LANCE EVERETT, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-12
[86] 2014-09-09 (PCT/US2014/054791)
[87] (WO2015/035386)
[30] US (61/875,231) 2013-09-09
[30] US (14/048,463) 2013-10-08

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[13] C
[51] **Int.Cl. E02D 27/42 (2006.01) E02D 5/72 (2006.01)**
[25] EN
[54] **HOLLOW PLASTIC DECK BLOCK**
[54] **BLOC DE PLATEFORME EN PLASTIQUE CREUX**
[72] PELLETIER, CHRISTIAN, CA
[72] MORNEAU, NICOLAS, CA
[73] PELLETIER, CHRISTIAN, CA
[73] MORNEAU, NICOLAS, CA
[86] (2922036)
[87] (2922036)
[22] 2016-02-29

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[13] C
[51] **Int.Cl. C02F 9/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TREATING WASTEWATER AND RESULTING PRIMARY AND BIOLOGICAL SLUDGE**
[54] **SYSTEME ET METHODE DE TRAITEMENT DES EAUX USEES, ET BOUE PRIMAIRE ET BIOLOGIQUE PRODUITE**
[72] DIMASSIMO, RICHARD W., US
[72] HOJSGAARD, SOREN J., DK
[73] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[86] (2922213)
[87] (2922213)
[22] 2016-03-01
[30] US (62/126,886) 2015-03-02

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[13] C
[51] **Int.Cl. H04N 19/34 (2014.01) H04N 19/103 (2014.01) H04N 19/119 (2014.01) H04N 19/159 (2014.01)**
[25] EN
[54] **VIDEO-ENCODING METHOD AND VIDEO-ENCODING APPARATUS USING PREDICTION UNITS BASED ON ENCODING UNITS DETERMINED IN ACCORDANCE WITH A TREE STRUCTURE, AND VIDEO-DECODING METHOD AND VIDEO-DECODING APPARATUS USING PREDICTION UNITS BASED ON ENCODING UNITS DETERMINED IN ACCORDANCE WITH A TREE STRUCTURE**
[54] **PROCEDE DE CODAGE VIDEO ET APPAREIL DE CODAGE VIDEO UTILISANT DES UNITES DE PREDICTION BASEES SUR DES UNITES DE CODAGE DETERMINEES SELON UNE STRUCTURE ARBORESCENTE ET PROCEDE DE DECODAGE VIDEO ET APPAREIL DE DECODAGE VIDEO UTILISANT DES UNITES DE PREDICTION BASEES SUR DES UNITES DE CODAGE DETERMINEES SELON UNE STRUCTURE ARBORESCENTE**
[72] MIN, JUNG-HYE, KR
[72] HAN, WOO-JIN, KR
[72] KIM, IL-KOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2922693)
[87] (2922693)
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[54] **AVERTING AD SKIPPING IN ADAPTIVE BIT RATE SYSTEMS**
[54] **EVITEMENT DE SAUT D'ANNONCES PUBLICITAIRES DANS DES SYSTEMES A DEBIT BINAIRE ADAPTATIF**
[72] BJORDAMMEN, DAVID M., US
[72] SAMANT, NIRANJAN R., US
[73] ARRIS ENTERPRISES LLC, US
[85] 2016-03-03
[86] 2014-08-21 (PCT/US2014/052092)
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[25] EN
[54] **MINI COAX CABLE CONNECTOR**
[54] **CONNECTEUR DE CABLE COAXIAL MINIATURE**
[72] HOLLIDAY, RANDALL A., US
[72] YAO, JIMMY, TW
[73] PPC BROADBAND, INC., US
[85] 2016-03-10
[86] 2014-09-12 (PCT/US2014/055398)
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[25] EN
[54] **COMBINED CYCLE GAS TURBINE PLANT HAVING A WASTE HEAT STEAM GENERATOR**
[54] **CENTRALE A CYCLE COMBINE GAZ-VAPEUR MUNIE D'UN GENERATEUR DE VAPEUR A RECUPERATION DE CHALEUR**
[72] BRUCKNER, JAN, DE
[72] THOMAS, FRANK, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-03-17
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[54] **FUEL CELL SEPARATOR AND FUEL CELL**
[54] **SEPARATEUR POUR PILE A COMBUSTIBLE ET PILE A COMBUSTIBLE**
[72] KONNO, NORISHIGE, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2016-03-23
[86] 2014-09-30 (PCT/JP2014/004991)
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[54] **METHOD AND APPARATUS FOR OPTIMIZED UNDERBALANCED DRILLING**
[54] **PROCEDE ET APPAREIL POUR UN FORAGE EN SOUS-PRESSION OPTIMISE**
[72] HUANG, XIAOQIAN, US
[72] SAMUEL, ROBELLO, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-03-24
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[54] **MODULAR SENSED ANNULAR WELL APPARATUS FOR CEMENT TESTING**
[54] **APPAREIL DE PUITS ANNULAIRE A DETECTION MODULAIRE POUR ESSAI DE CIMENT**
[72] RIBEIRO, SERGIO S., BR
[72] MARCHESINI, FLAVIO H., BR
[73] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **METHOD AND APPARATUS FOR ACTIVELY MANIPULATING AERODYNAMIC SURFACES**
[54] **PROCEDE ET APPAREIL POUR LA MANIPULATION ACTIVE DE SURFACES AERODYNAMIQUES**
[72] SCHANK, TROY C., US
[72] KINTZINGER, PETER H., US
[72] SHERRILL, PAUL B., US
[72] PARHAM, THOMAS C., US
[73] BELL HELICOPTER TEXTRON INC., US
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[54] **DOWNHOLE MONITORING USING MAGNETOSTRICTIVE PROBE**
[54] **SURVEILLANCE DE FOND DE PUITS A L'AIDE D'UNE SONDE MAGNETORESTRICTIVE**
[72] WANG, KE, US
[72] XU, ZHIYUE, US
[72] PRIETO, CARLOS A., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-03-31
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[51] **Int.Cl. A61K 8/67 (2006.01) A61K 8/37 (2006.01) A61Q 19/02 (2006.01)**
[25] EN
[54] **SKIN LIGHTENING COSMETIC COMPOSITIONS AND METHODS**
[54] **COMPOSITIONS COSMETIQUES ECLAIRCISSANT LA PEAU ET METHODES CORRESPONDANTES**
[72] HAKOZAKI, TOMOHIRO, US
[72] LAUGHLIN, LEO TIMOTHY, II, US
[72] SABINO, MICHAEL CHRISTOPHER, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-04-01
[86] 2014-10-23 (PCT/US2014/061856)
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[51] **Int.Cl. A01G 9/14 (2006.01)**
[25] EN
[54] **SYSTEM FOR GROWING PRODUCE IN GREENHOUSES WITH ASSISTED COMPLEMENTARY SOLAR ENERGY**
[54] **SYSTEME PERMETTANT D'ACCROITRE LA PRODUCTION DANS LES SERRES A L'AIDE D'ENERGIE SOLAIRE SUPPLEMENTAIRE ASSISTEE**
[72] COURTEMANCHE, ALAIN, CA
[73] GEA FARM TECHNOLOGIES CANADA INC./DIVISION GEA HOULE, CA
[85] 2016-04-08
[86] 2014-10-14 (PCT/CA2014/050991)
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[25] EN
[54] **RADIO FREQUENCY AND FLUID COUPLER FOR A SUBTERRANEAN ASSEMBLY AND RELATED METHODS**
[54] **COUPLEUR DE RADIO FREQUENCE ET DE FLUIDE DESTINE A UN DISPOSITIF SOUTERRAIN ET METHODES ASSOCIEES**
[72] WRIGHT, BRIAN N., US
[72] HEWIT, RAYMOND C., US
[72] DENVER, NATHAN S., US
[72] KOLVEK, STEPHEN J., US
[72] WHITE, ARTHUR H., US
[72] SMITH, BRIAN P., US
[73] HARRIS CORPORATION, US
[86] (2927606)
[87] (2927606)
[22] 2016-04-18
[30] US (14/700,807) 2015-04-30

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[25] EN
[54] **IMPROVED CARBON CAPTURE IN FERMENTATION**
[54] **AMELIORATION DE LA CAPTURE DU CARBONE DANS UN PROCESSUS DE FERMENTATION**
[72] TIZARD, JOSEPH HENRY, US
[72] SECHRIST, PAUL ALVIN, US
[73] LANZATECH NEW ZEALAND LIMITED, NZ
[85] 2016-04-15
[86] 2014-10-16 (PCT/US2014/060980)
[87] (WO2015/058011)
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[51] **Int.Cl. E21B 49/00 (2006.01) E21B 47/092 (2012.01)**
[25] EN
[54] **MAGNETIC MONOPOLE RANGING SYSTEM AND METHODOLOGY**
[54] **SYSTEME ET METHODOLOGIE DE MESURE DE DISTANCE PAR MONOPOLE MAGNETIQUE**
[72] DONDERICI, BURKAY, US
[72] GUNER, BARIS, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-04-18
[86] 2013-12-12 (PCT/US2013/074540)
[87] (WO2015/088528)

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[13] C
[51] **Int.Cl. C22B 5/12 (2006.01) C22C 30/00 (2006.01) C21C 7/00 (2006.01)**
[25] EN
[54] **PRODUCTION OF CHROMIUM IRON ALLOYS DIRECTLY FROM CHROMITE ORE**
[54] **PRODUCTION D'ALLIAGES DE CHROME ET DE FER DIRECTEMENT A PARTIR DE MINERAI DE CHROMITE**
[72] WINTER, FRANK, US
[73] KWG RESOURCES, INC, CA
[85] 2016-04-19
[86] 2014-09-09 (PCT/US2014/054644)
[87] (WO2015/060951)
[30] US (61/893,400) 2013-10-21

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[51] **Int.Cl. H04W 88/04 (2009.01)**
[25] EN
[54] **WIRELESS ACCESS NODE AND METHOD FOR SIGNALING AGGREGATION OF A PLURALITY OF UE DEVICES THROUGH A HUB UE DEVICE**
[54] **NOEUD D'ACCES SANS FIL ET PROCEDE POUR UNE AGREGATION DE SIGNALISATION D'UNE PLURALITE DE DISPOSITIFS D'EQUIPEMENT UTILISATEUR (UE) PAR L'INTERMEDIAIRE D'UN DISPOSITIF D'UE DE CONCENTRATEUR**
[72] MARUPADUGA, SREEKAR, US
[72] NARENDRAN, RAJVEEN, US
[72] WURTENBERGER, ANDREW MARK, US
[73] SPRINT COMMUNICATIONS COMPANY L.P., US
[85] 2016-04-20
[86] 2014-10-22 (PCT/US2014/061725)
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[51] **Int.Cl. E21B 43/247 (2006.01) E21B 17/00 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DOWNHOLE COMMUNICATION**
[54] **SYSTEMES ET PROCEDES DE COMMUNICATION DE FOND**
[72] WOOD, EDWARD T., US
[72] HOLMES, KEVIN C., US
[72] MILLS, AUBREY C., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-04-21
[86] 2014-10-03 (PCT/US2014/058994)
[87] (WO2015/069396)
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[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/56 (2006.01) A61L 27/12 (2006.01)**
[25] EN
[54] **BONE CEMENT MIXING AND DELIVERY SYSTEM AND METHODS OF USE THEREOF**
[54] **SYSTEME DE MELANGE ET D'ADMINISTRATION DE CIMENT OSSEUX ET SES PROCEDES D'UTILISATION**
[72] PALAZZOLO, ROBERT, US
[72] SUTARIA, MANISH, US
[72] TOFIGHI, ALIASSGHAR, N., US
[72] CHANG, TAK L., US
[72] ROSENBERG, ARON D., US
[73] ETEX CORPORATION, US
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[54] **CONSTANT TORQUE CONTROL METHOD FOR ECM MOTOR**
[54] **METHODE DE REGULATION A COUPLE CONSTANT POUR MOTEUR ECM**
[72] ZHAO, YONG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
[85] 2016-04-27
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[87] (WO2015/062119)
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[51] **Int.Cl. E21B 43/26 (2006.01) E21B 43/247 (2006.01)**
[25] EN
[54] **FRACTURING SEQUENTIAL OPERATION METHOD USING SIGNAL RESPONSIVE PORTED SUBS AND PACKERS**
[54] **PROCEDE DE FONCTIONNEMENT SEQUENTIEL DE FRACTURATION UTILISANT DES RACCORDS DOUBLE FEMELLE A ORIFICES ET DES GARNITURES SENSIBLES A UN SIGNAL**
[72] WRIGHT, BEAU R., US
[72] WOOD, EDWARD T., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-05-12
[86] 2014-11-13 (PCT/US2014/065508)
[87] (WO2015/073701)
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[51] **Int.Cl. H02P 6/08 (2016.01)**
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[54] **ELECTRONICALLY COMMUTATED MOTOR**
[54] **MOTEUR COMMUTE ELECTRONIQUEMENT**
[72] ZHAO, YONG, CN
[72] CHEN, YUNSHENG, CN
[72] BIAN, WENQING, CN
[72] WU, YONGHUA, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
[85] 2016-05-18
[86] 2014-11-10 (PCT/CN2014/090698)
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[30] CN (201420427025.5) 2014-07-30

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[51] **Int.Cl. B60P 3/00 (2006.01) B60P 3/42 (2006.01) B62D 63/06 (2006.01)**
[25] EN
[54] **EXPANDING SELF PROPELLED MODULAR TRANSPORT TRAILERS**
[54] **REMORQUES DE TRANSPORT MODULAIRE AUTOPROPULSEES EXTENSIBLES**
[72] NOOREN, PIET, US
[73] MAMMOET USA SOUTH, INC., US
[86] (2931423)
[87] (2931423)
[22] 2016-05-27
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[51] **Int.Cl. B29D 22/02 (2006.01) A47C 27/10 (2006.01) B29C 65/18 (2006.01)**
[25] EN
[54] **WELDING PROCESS AND PRODUCT FOR INFLATABLE PRODUCT**
[54] **PROCEDE ET PRODUIT DE SOUDAGE POUR PRODUIT GONFLABLE**
[72] LIN, HUA HSIANG, CN
[72] HSU, YAW YUAN, CN
[73] INTEX MARKETING LTD., VG
[85] 2016-05-24
[86] 2014-11-25 (PCT/US2014/067457)
[87] (WO2015/077788)
[30] CN (201310598878.5) 2013-11-25

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[51] **Int.Cl. C23C 28/00 (2006.01) C22C 18/00 (2006.01) C22C 18/04 (2006.01) C23C 2/06 (2006.01)**
[25] EN
[54] **HOT-DIP ZN-ALLOY-PLATED STEEL SHEET**
[54] **TOLE D'ACIER PLAQUEE D'ALLIAGE DE ZN PAR IMMERSION A CHAUD**
[72] SHIMIZU, ATSUO, JP
[72] MATSUNO, MASANORI, JP
[72] YAMAMOTO, MASAYA, JP
[72] TAKETSU, HIROFUMI, JP
[73] NISSHIN STEEL CO., LTD., JP
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[87] (WO2015/083325)
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[51] **Int.Cl. H02G 1/02 (2006.01) H02G 7/00 (2006.01) H02G 15/08 (2006.01)**
[25] EN
[54] **STAMPED HOTLINE CLAMP**
[54] **CONNECTEUR A SERRAGE MECANIQUE ESTAMPE**
[72] CAWOOD, MATTHEW D., US
[72] ZAHNEN, JAMES L., US
[72] VALLETTE, RONALD, US
[72] SERRE, JACOB, US
[73] THOMAS & BETTS INTERNATIONAL LLC, US
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[51] **Int.Cl. E21B 49/10 (2006.01) G01N 21/25 (2006.01) G01N 21/85 (2006.01)**
[25] EN
[54] **DOWNHOLE SENSING SYSTEMS AND METHODS EMPLOYING SPECTRAL ANALYSIS OF TIME-DIVISION MULTIPLEXED PULSE SEQUENCES**
[54] **SYSTEMES DE DETECTION DE FOND DE TROU ET PROCEDES EMPLOYANT UNE ANALYSE SPECTRALE DE SEQUENCES D'IMPULSIONS A MULTIPLEXAGE PAR REPARTITION DANS LE TEMPS**
[72] CHOI, HAN-SUN, US
[72] SAMSON, ETIENNE, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **MEDICAL CONNECTOR WITH CLOSEABLE MALE LUER**
[54] **CONNECTEUR MEDICAL A RACCORD LUER REFERMABLE**
[72] FANGROW, THOMAS F., US
[72] LOPEZ, GEORGE A., US
[73] ICU MEDICAL, INC., US
[86] (2932837)
[87] (2932837)
[22] 2008-05-15
[62] 2,687,093
[30] US (60/938428) 2007-05-16
[30] US (60/978697) 2007-10-09
[30] US (61/042016) 2008-04-03
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[51] **Int.Cl. B65D 71/14 (2006.01) B65D 71/36 (2006.01)**
[25] EN
[54] **CARRIER FOR CONTAINERS**
[54] **PORTEUR POUR RECIPIENTS**
[72] SUTHERLAND, ROBERT L., US
[72] ZAMMIT, MARK, US
[72] FORD, COLIN P., US
[72] MAY, KEVIN T., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
[85] 2016-06-03
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[87] (WO2015/105833)
[30] US (61/964,519) 2014-01-07

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[13] C
[51] **Int.Cl. B66C 1/42 (2006.01) B66F 9/18 (2006.01)**
[25] EN
[54] **DEVICE FOR RECEIVING AND TRANSPORTING A SILICON ROD, AND METHOD FOR PRODUCING POLYCRYSTALLINE SILICON**
[54] **DISPOSITIF SERVANT A LOGER ET A TRANSPORTER UN BARREAU DE SILICIUM ET PROCEDE PERMETTANT DE PRODUIRE UN SILICIUM POLYCRISTALLIN**
[72] BERGER, GUNTER, DE
[72] RIESS, SIEGFRIED, AT
[73] WACKER CHEMIE AG, DE
[85] 2016-06-07
[86] 2014-12-11 (PCT/EP2014/077318)
[87] (WO2015/104126)
[30] DE (10 2014 200 058.0) 2014-01-07

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[51] **Int.Cl. C08J 7/06 (2006.01) C23C 14/35 (2006.01) C23C 16/505 (2006.01) C23C 16/513 (2006.01)**
[25] EN
[54] **INTERLAYER COMPOSITE SUBSTRATES**
[54] **SUBSTRATS COMPOSITES A COUCHE INTERMEDIAIRE**
[72] RANADE, ALPANA N., US
[72] MATOS, MARVI A., US
[72] GHABCHI, ARASH, US
[73] THE BOEING COMPANY, US
[86] (2933327)
[87] (2933327)
[22] 2013-08-28
[62] 2,825,168
[30] US (13/679377) 2012-11-16

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[51] **Int.Cl. A61F 13/532 (2006.01) A61F 13/15 (2006.01) A61F 13/534 (2006.01) A61F 13/535 (2006.01)**
[25] EN
[54] **ABSORBENT STRUCTURES AND CORES WITH EFFICIENT IMMOBILIZATION OF ABSORBENT MATERIAL**
[54] **STRUCTURES ET NOYAUX ABSORBANTS AVEC IMMOBILISATION EFFICACE DE MATERIAU ABSORBANT**
[72] STELZIG, LUTZ, DE
[72] JACKELS, HANS ADOLF, DE
[72] JARKE, THOMAS, DE
[72] RINNERT, THORSTEN, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-06-14
[86] 2014-12-15 (PCT/US2014/070250)
[87] (WO2015/095003)
[30] EP (13198419.7) 2013-12-19

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[13] C
[51] **Int.Cl. B41F 1/28 (2006.01) B41F 21/00 (2006.01) B65H 29/58 (2006.01)**
[25] EN
[54] **SHEET TRANSMISSION SYSTEM**
[54] **SYSTEME DE TRANSMISSION DE FEUILLE**
[72] TSENG, WHAH, CN
[73] SHANGHAI ETERNAL MACHINERY CO., LTD., CN
[85] 2016-06-15
[86] 2014-07-21 (PCT/CN2014/000689)
[87] (WO2015/089898)
[30] CN (201310694605.0) 2013-12-16

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[13] C
[51] **Int.Cl. B29C 47/26 (2006.01) B29C 47/06 (2006.01)**
[25] EN
[54] **ASSEMBLY AND PROCESS FOR CREATING AN EXTRUDED PIPE FOR USE IN A GEOTHERMAL HEAT RECOVERY OPERATION**
[54] **ASSEMBLAGE ET PROCEDE DE CREATION D'UN TUYAU EXTRUDE DESTINE A UNE OPERATION DE RECUPERATION DE CHALEUR GEOTHERMIQUE**
[72] PORTER, STEVE, US
[72] BROWN, TIMOTHY JOHN, US
[73] US FARATHANE CORPORATION, US
[86] (2934464)
[87] (2934464)
[22] 2016-06-29
[30] US (14/817,278) 2015-08-04

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[13] C
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[72] LEMBCKE, JEFFREY J., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[73] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[54] **ELECTRONIC PROGRAM GUIDE WITH RELATED-PROGRAM SEARCH FEATURE**
[54] **GUIDE DE PROGRAMMES ELECTRONIQUE COMPORTANT UNE FONCTION DE RECHERCHE DE PROGRAMMES ASSOCIES**
[72] HERRINGTON, W. BENJAMIN, US
[72] ELLIS, MICHAEL D., US
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[54] **METHOD AND DEVICE FOR CHARGING A STRATIFIED THERMAL ENERGY STORE**
[54] **PROCEDE ET DISPOSITIF POUR CHARGER UN ACCUMULATEUR EN COUCHES THERMIQUE**
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[72] REISSNER, FLORIAN, DE
[72] SCHAFER, JOCHEN, DE
[72] TREMEL, ALEXANDER, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **CONFIGURATIONS DE SYSTEME DE PERFUSION**
[72] QUIRICO, CHARLES R., US
[72] BALESTRACCI, ERNEST, US
[72] SWENSON, ROLF E., US
[72] DARST, DANIEL D., US
[72] KRAUSE, ERIC J., US
[72] LOKHANDE, VISHAL N., US
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[54] **PROCEDE DE REGULATION DE COUPLE DANS DES MOTEURS D'ENTRAINEMENT A AIMANTS PERMANENTS**
[72] FACE, GARY, US
[73] CANRIG DRILLING TECHNOLOGY LTD., US
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[72] WILSON, RICHARD D., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[73] TUNGALOY CORPORATION, JP
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[72] MURAKAMI, TATSUYA, JP
[72] SHINTANI, JUNKO, JP
[73] FUJIFILM CORPORATION, JP
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[54] **COMPOSITION CONTAINING PEROXIDE AND PERACETIC ACID AND PROCESS OF KILLING SPORES**
[54] **COMPOSITION CONTENANT DU PEROXYDE ET DE L'ACIDE PERACETIQUE ET PROCEDE D'ELIMINATION DE SPORES**
[72] BURKE, PETER A., US
[72] LEGGETT, MARK JAMES, GB
[73] AMERICAN STERILIZER COMPANY, US
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[54] **RAILWAY SAFETY CRITICAL SYSTEMS WITH TASK REDUNDANCY AND ASYMMETRIC COMMUNICATIONS CAPABILITY**
[54] **SYSTEMES CRITIQUES DE SECURITE FERROVIAIRE AVEC REDONDANCE DE TACHE ET CAPACITE DE COMMUNICATION ASYMETRIQUE**
[72] EGEL, ZOLTAN, US
[72] WEBER, CLAUS, US
[73] SIEMENS INDUSTRY, INC., US
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[54] **ADAPTATEUR DE SERINGUE AYANT LIBERATION PAR MOUVEMENT COMPOSE**
[72] KIM, JAYEON, US
[72] SANDERS, LAURIE, US
[72] CANCELLIERI, JUDE, US
[73] BECTON DICKINSON AND COMPANY LIMITED, IE
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[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
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[54] **METHOD AND APPARATUS FOR INCIDENT TASK BASED ALLOCATION OF SERVICE INSTANCES**
[54] **PROCEDE ET APPAREIL DESTINES A L'ALLOCATION A BASE DE TACHES D'INCIDENTS D'INSTANCES DE SERVICE**
[72] AGULNIK, ANATOLY, US
[72] MILLER, TRENT J., US
[72] PEARCE, MICHAEL D., US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **SYSTEME DE PILE A COMBUSTIBLE ET METHODE DE COMMANDE DUDIT SYSTEME**
[72] SATO, MASASHI, JP
[73] NISSAN MOTOR CO., LTD., JP
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[54] **PLATE-FORME DE LIVRAISON LISIBLE PAR MACHINE POUR LIVRAISON DE COLIS AUTOMATISEE**
[72] SHUCKER, BRIAN DANIEL, US
[72] TREW, BRANDON KYLE, US
[73] GOOGLE LLC, US
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[54] **COMPOSITIONS ET PROCEDES POUR LA MODULATION DE MTORC1**
[72] SABATINI, DAVID M., US
[72] WANG, SHUYU, US
[72] TSUN, ZHI, US
[73] WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH, US
[85] 2016-11-02
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[54] **USER-CONFIGURABLE INDICATION DEVICE FOR USE WITH AN ON-DEMAND SERVICE**
[54] **DISPOSITIF D'INDICATION CONFIGURABLE PAR L'UTILISATEUR DESTINE A ETRE UTILISE AVEC UN SERVICE A LA DEMANDE**
[72] KALANICK, TRAVIS, US
[72] AMIN, SHALIN, US
[73] UBER TECHNOLOGIES, INC., US
[85] 2016-11-08
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[54] **METHOD AND APPARATUS TO MANAGE THE DIRECT INTERCONNECT SWITCH WIRING AND GROWTH IN COMPUTER NETWORKS**
[54] **PROCEDE ET APPAREIL DE GESTION DU CABLAGE ET DE L'EXTENSION DE COMMUTATEURS D'INTERCONNEXION DIRECTE DANS DES RESEAUX INFORMATIQUES**
[72] OPREA, DAN, CA
[73] ROCKPORT NETWORKS INC., CA
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[54] **WELLBORE PLUG ISOLATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ISOLATION DE BOUCHON DE PUITS DE FORAGE**
[72] SNIDER, PHILIP M., US
[72] GEORGE, KEVIN R., US
[72] HARDESTY, JOHN T., US
[72] WROBLICKY, MICHAEL D., US
[72] CLARK, NATHAN G., US
[72] ROLLINS, JAMES A., US
[72] WESSON, DAVID S., US
[73] GEODYNAMICS, INC., US
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[54] **MULTI-METRIC SURGERY SIMULATOR AND METHODS**
[54] **SIMULATEUR DE CHIRURGIE A PLUSIEURS PARAMETRES ET METHODES**
[72] GMEINER, TIMOTHEUS ANTON, CA
[72] KERINS, FERGAL, CA
[72] CHEUNG, AARON YU LAI, CA
[72] HOANG, KIMBERLY BOJANOWSKI, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **AUTOMATIC TRANSMISSION AND CONTROL METHOD OF AUTOMATIC TRANSMISSION**
[54] **TRANSMISSION AUTOMATIQUE ET METHODE DE COMMANDE DE TRANSMISSION AUTOMATIQUE**
[72] TAKA, SHOHEI, JP
[72] MUTO, AKIO, JP
[72] HORIGUCHI, TAKASHI, JP
[73] HONDA MOTOR CO., LTD., JP
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[54] **AUTOMATIC TRANSMISSION AND CONTROL METHOD OF AUTOMATIC TRANSMISSION**
[54] **TRANSMISSION AUTOMATIQUE ET METHODE DE COMMANDE DE TRANSMISSION AUTOMATIQUE**
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[72] TAKA, SHOHEI, JP
[72] MURASAWA, HIROKI, JP
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[54] **DISPOSITIF DE MESURE DE LA PROFONDEUR D'UN CORDON DE SOUDURE EN TEMPS REEL**
[72] MOSER, RUDIGER, DE
[72] BAUTZE, THIBAULT, DE
[72] SCHONLEBER, MARTIN, DE
[73] PRECITEC GMBH & CO. KG, DE
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[54] **METHOD AND SYSTEM FOR SEARCHING, AND MONITORING ASSESSMENT OF, ORIGINAL CONTENT**
[54] **PROCEDE ET SYSTEME SERVANT A RECHERCHER ET A CONTROLER L'EVALUATION DE CONTENU ORIGINAL**
[72] ROBINSON, LEROY, US
[72] MYRICKS, CYNTHIA, US
[72] MATHEWS, MICHAEL E., US
[73] ROBINSON, LEROY, US
[86] (2961990)
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[54] **FURNACE APPARATUS**
[54] **APPAREIL DE FOUR**
[72] DHYLLON, AMEN, US
[73] DHYLLON, AMEN, US
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[54] **METHOD AND APPARATUS FOR IDENTIFYING FRAGMENTED MATERIAL PORTIONS WITHIN AN IMAGE**
[54] **PROCEDE ET APPAREIL PERMETTANT D'IDENTIFIER DES PARTIES DE MATERIAU FRAGMENTE DANS UNE IMAGE**
[72] TAFAZOLI BILANDI, SHAHRAM, CA
[72] RAMEZANI, MAHDI, CA
[72] BELL, IAN LAW, CA
[72] SAMETI, MOHAMMAD, CA
[72] ABOLMAESUMI, PURANG, CA
[72] NOURANIAN, SAMAN, CA
[73] MOTION METRICS INTERNATIONAL CORP., CA
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[54] **PROTOCOL FOR LIGHTING CONTROL VIA A WIRELESS NETWORK**
[54] **PROTOCOLE DE CONTROLE D'ECLAIRAGE PAR UN RESEAU SANS FIL**
[72] TURVY, LARRY D., JR., US
[72] FULTZ, TYLER B., US
[72] SCRIMGEOUR, JOHN W., US
[72] ROQUEMORE, JOHN PETER, III, US
[73] ABL IP HOLDING LLC, US
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[54] **MECANISME DE STABILISATION DE HAYON DE REMORQUE**
[72] MAERTENS, ANDREW JOSEPH, CA
[72] KLOEPFER, MICHAEL, CA
[73] TITAN TRAILERS INC., CA
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[54] **WATERING SYSTEM WITH ADAPTIVE COMPONENTS**
[54] **SYSTEME D'ARROSAGE MUNI DE COMPOSANTS ADAPTATIFS**
[72] GILLIAM, SONJA, DE
[72] KELLER, STEFAN, DE
[72] SCHABEL, THOMAS, DE
[72] KIENZLE, CHRISTIAN, DE
[72] WEISER, SANDRA, DE
[73] HUSQVARNA AB, SE
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[54] **MODULAR COMPRESSION CHAMBER**
[54] **CHAMBRE DE COMPRESSION MODULAIRE**
[72] MCILWRAITH, LON WILLIAM, CA
[72] LABERGE, MICHEL GEORGES, CA
[72] RICHARDSON, DOUGLAS H., CA
[73] GENERAL FUSION INC., CA
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[54] **GLASS JACKETED LED LAMP**
[54] **LAMPE A DEL A ENVELOPPE DE VERRE**
[72] CAI, DENGKE, US
[72] JURKOVIC, PAUL J., US
[72] SALPIETRA, THOMAS G., US
[73] EYE LIGHTING INTERNATIONAL OF NORTH AMERICA, INC., US
[85] 2017-09-19
[86] 2016-03-21 (PCT/US2016/023494)
[87] (WO2016/154156)
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[54] **INTELLIGENT CONTROL OF BACKLIGHTING OR OTHER PILOT LIGHTS ON WALL SWITCH OR THE LIKE**
[54] **CONTROLE INTELLIGENT DE RETROECLAIRAGE OU AUTRE ECLAIRAGE PILOTE SUR UN INTERRUPTEUR MURAL OU AUTRE SEMBLABLE**
[72] TRICKLER, CHRISTOPHER, US
[72] WESTRICK, RICHARD L., JR., US
[72] NORTON, MARK, US
[73] ABL IP HOLDING LLC, US
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[54] **SYSTEME DE BARBECUE MODULAIRE ET ENSEMBLES ASSOCIES**
[72] RHEAUME, FREDERIC, CA
[73] LES ACCESSOIRES MULTIFONCTIONS INC., CA
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[54] **ENGINE CONTROL DEVICE AND ENGINE CONTROL METHOD**
[54] **DISPOSITIF DE COMMANDE DE MOTEUR ET PROCEDE DE COMMANDE DE MOTEUR**
[72] IMAOKA, YOSHIHIRO, JP
[72] TSUYUKI, TAKESHI, JP
[72] INOUE, TAKAO, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2017-10-13
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[54] **SYSTEMS AND METHODS FOR DETERMINING INDOOR LOCATION AND FLOOR OF A MOBILE DEVICE**
[54] **SYSTEMES ET METHODES DE DETERMINATION D'UN EMPLACEMENT INTERIEUR ET D'ETAGE D'UN DISPOSITIF MOBILE**
[72] NAGPAL, PARAMVIR SINGH, CA
[72] HUBERMAN, SEAN, CA
[72] TAN, EDWARD, CA
[72] GULO, EROS, CA
[73] MAPSTED CORP., CA
[86] (2983540)
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[54] **FLUXER HAVING A MODULAR ELECTRICALLY POWERED FURNACE**
[54] **FLUXEUR COMPRENANT UN FOUR MODULAIRE ALIMENTE ELECTRIQUEMENT**
[72] BOIVIN, MARC, CA
[72] LEMAY, PIERRE-EMMANUEL, CA
[72] FIALA, ANTOINE, CA
[72] BERNIER, MARCO, CA
[73] SPEX SAMPLE PREP, LLC, US
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[54] **SURFACE CLEANING APPARATUS WITH ENHANCED OPERABILITY**
[54] **APPAREIL DE NETTOYAGE DES SURFACES A FONCTIONNALITE AMELIOREE**
[72] CONRAD, WAYNE ERNEST, CA
[73] OMACHRON INTELLECTUAL PROPERTY INC., CA
[86] (2986312)
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[54] **POWER SUPPLY SYSTEM CONTROL DEVICE AND POWER SUPPLY SYSTEM CONTROL METHOD**
[54] **DISPOSITIF ET PROCEDE DE COMMANDE DE SYSTEME D'ALIMENTATION ELECTRIQUE**
[72] TAHARA, MASAHIKO, JP
[72] TSUCHIYA, TERUMASA, JP
[72] TEZUKA, ATSUSHI, JP
[72] KOIKE, TOMOYUKI, JP
[72] WATANABE, MUNEMITSU, JP
[72] KOISHI, AKIFUMI, JP
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[54] **ICE HOCKEY TRIPOD TRAINING AID**
[54] **TREPIED D'AIDE A L'ENTRAINEMENT DE HOCKEY SUR GLACE**
[72] JOHNSON, RONALD S., CA
[71] JOHNSON, RONALD S., CA
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[25] EN
[54] **ROAD WAY INFORMATION DETECTIONS SYSTEMS CONSISTS OF SENSORS ON THE AUTONOMOUS VEHICLES AND DEVICES FOR THE ROAD**
[54] **SYSTEMES DE DETECTION D'INFORMATION ROUTIERE COMPORTANT DES CAPTEURS SUR LES VEHICULES AUTONOMES ET DES DISPOSITIFS DESTINES A LA ROUTE**
[72] YEUNG, PETER, CA
[72] YEUNG, KENNETH, CA
[71] YEUNG, PETER, CA
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[54] **DETACHABLE BED BASE**
[54] **BASE DE LIT DETACHABLE**
[72] HUANG, CHI-CHUNG, TW
[71] APEX HEALTH CARE MFG. INC., CN
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[25] EN
[54] **REMOVABLE STUDS, TOOL FOR INSERTING AND REMOVING SAME AND KIT COMPRISING STUDS AND TOOL**
[54] **MONTANTS AMOVIBLES, OUTIL D'INSERTION ET D'EXTRACTION ASSOCIE ET TROUSSE COMPRENANT LES MONTANTS ET L'OUTIL**
[72] LEMAY, PATRICK, CA
[71] IGRIP STUD INC., CA
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[54] **HIGHCHAIR BIB**
[54] **BAVETTE POUR CHAISE HAUTE**
[72] BROWN, RUSSELL L., CA
[72] BROWN, HAYLEY A., CA
[71] BROWN, RUSSELL L., CA
[71] BROWN, HAYLEY A., CA
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[51] **Int.Cl. A63F 3/00 (2006.01)**
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[54] **IMPROVEMENT TO THE GAME BOARD AND GAME TABLE**
[54] **AMELIORATION A LA PLANCHE DE JEU ET A LA TABLE DE JEU**
[72] BACHHAL, SUKHBIR SINGH, CA
[71] BACHHAL, SUKHBIR SINGH, CA
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[51] **Int.Cl. A63B 69/00 (2006.01) A63B 63/00 (2006.01)**
[25] EN
[54] **MECHANICAL GOALTENDER**
[54] **GARDIEN DE BUT MECANIQUE**
[72] LIEBERMAN, ZACH, CA
[72] XIE, MATTHEW, CA
[72] LI, JIAYE (JASON), CA
[71] 2464533 ONTARIO LTD DBA CHATAWAY SPORTS TECHNOLOG, CA
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[51] **Int.Cl. A01D 43/10 (2006.01) A01D 34/68 (2006.01) A01D 34/82 (2006.01) A01D 43/00 (2006.01)**
[25] EN
[54] **METHODS AND DEVICES FOR CUTTING VEGETATION**
[54] **METHODES ET APPAREILS DE COUPE DE VEGETATION**
[72] SWIST, JASON R., CA
[71] SWIST, JASON R., CA
[22] 2016-09-13
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[51] **Int.Cl. C10G 67/14 (2006.01) C10L 1/08 (2006.01)**
[25] EN
[54] **PROCESS TO MAKE DIESEL USING OIL SANDS DERIVED DISTILLATE PRODUCT**
[54] **PROCEDE DE PRODUCTION DE DIESEL AU MOYEN DE PRODUIT DE DISTILLATION DERIVE DES SABLES BITUMINEUX**
[72] NARAYANASARMA, PRABHU, CA
[72] CHAN, MELVIN, CA
[72] BUTLER, ROBERT, CA
[72] PATEL, ATUL, CA
[71] CANADIAN NATURAL RESOURCES LIMITED, CA
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[25] EN
[54] **SYSTEM AND METHOD FOR TEMPORAL IDENTIFICATION OF LATENT COMMUNITIES USING ELECTRONIC CONTENT**
[54] **SYSTEME ET METHODE D'IDENTIFICATION TEMPORELLE DE COMMUNAUTES LATENTES AU MOYEN DU CONTENU ELECTRONIQUE**
[72] BAGHERI, EBRAHIM, CA
[72] FANI, HOSSEIN, CA
[72] ZARRINKALAM, FATTANE, CA
[71] BAGHERI, EBRAHIM, CA
[71] FANI, HOSSEIN, CA
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[51] **Int.Cl. B60G 15/07 (2006.01)**
[25] EN
[54] **SHOCK ABSORBER**
[54] **AMORTISSEUR**
[72] LIN, WEI-LI, TW
[71] JIHSHYH INTERNATIONAL CO., LTD., TW
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[25] EN
[54] **VACUUM-EXCAVATION APPARATUS**
[54] **APPAREIL D'EXCAVATION PAR ASPIRATION**
[72] HOLT, TIM, CA
[72] STEC, THERESA, CA
[72] ROSVOLD, JOSHUA, CA
[72] ABBOTT, JOSHUA, CA
[71] TKS INDUSTRIES LTD., CA
[22] 2016-09-14
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[51] **Int.Cl. A01M 29/12 (2011.01) A01K 15/00 (2006.01) A01M 29/00 (2011.01) A41D 13/00 (2006.01) F41H 9/10 (2006.01)**
[25] EN
[54] **NOVEL DEVICE FOR DE-ESCALATION OF ANIMAL ATTACKS**
[54] **DISPOSITIF NOVATEUR DESTINE A LA DESESCALADE D'ATTAQUES D'ANIMAUX**
[72] MARTYN, TIMOTHY J., CA
[71] MARTYN, TIMOTHY J., CA
[22] 2016-09-14
[41] 2018-03-14

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[25] EN
[54] **MOUNTING APPARATUS**
[54] **APPAREIL D'INSTALLATION**
[72] FRANKLIN, LEE C., US
[71] FRANKLIN, LEE C., CA
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[51] **Int.Cl. D05B 37/04 (2006.01)**
[25] EN
[54] **TEXTILE ARTICLE MANUFACTURING METHOD**
[54] **METHODE DE FABRICATION D'UN ARTICLE TEXTILE**
[72] MACDONALD, ROBERT, CA
[71] MACDONALD, ROBERT, CA
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[51] **Int.Cl. A01G 23/087 (2006.01)**
[25] EN
[54] **TREE SHEAR HEAD ASSEMBLY**
[54] **ASSEMBLAGE DE TETE DE CISAILLE D'ABATTAGE**
[72] LACHANCE, ROBERT, CA
[71] LACHANCE, ROBERT, CA
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[25] EN
[54] **MILK PITCHER FOR A PLASTIC MILK BAG**
[54] **PICHET A LAIT DESTINE A UN SAC DE LAIT EN PLASTIQUE**
[72] XING, GUOXU, CA
[71] XING, GUOXU, CA
[22] 2016-09-15
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[54] **UNDERWEAR SYSTEM**
[54] **SYSTEME DE SOUS-VETEMENT**
[72] COOPER, ROMIEAN M., CA
[72] HOUSER, BRADLEY, CA
[71] COOPER, ROMIEAN M., CA
[71] HOUSER, BRADLEY, CA
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[25] EN
[54] **CANNABINOID FORMULATIONS FOR AEROSOL DEVICES AND METHODS THEREOF**
[54] **FORMULATIONS DE CANNABINOIDE DESTINEES A DES DISPOSITIFS AEROSOLS ET METHODES ASSOCIEES**
[72] LOPEZ, JOHN EMILIO WILLIAM, CA
[71] MARKHAM BIOTECH INC., CA
[22] 2016-09-15
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[51] **Int.Cl. G01V 3/08 (2006.01) G01R 29/08 (2006.01)**
[25] EN
[54] **SYSTEM FOR ACQUIRING AND PROCESSING ELECTRIC FIELD SIGNALS RELATING TO SUBSURFACE GEOLOGIC STRUCTURES**
[54] **SYSTEME D'ACQUISITION ET DE TRAITEMENT DE SIGNAUX DE CHAMP ELECTRIQUE ASSOCIES AUX STRUCTURES GEOLOGIQUES EN SOUS-SURFACE**
[72] GOLDAK, DAVID KELSEY, CA
[71] EMPULSE GEOPHYSICS LTD., CA
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[41] 2018-03-15

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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **PERSISTENT AND ALWAYS-ON ADVERTISING ON MOBILE DEVICE**
[54] **PUBLICITE PERSISTANTE ET TOUJOURS ACTIVE SUR UN APPAREIL MOBILE**
[72] UNKNOWN, ZZ
[71] SUBANKI, SRIBALAN, CA
[22] 2016-09-16
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[25] EN
[54] **MULTIDIRECTIONAL SERIAL-ETHERNET DATA CONVERSION APPARATUS**
[54] **APPAREIL DE CONVERSION DE DONNEES ETHERNET-SERIE MULTIDIRECTIONNELLE**
[72] MATSON-DEKAY, CASEY, CA
[72] RODRIGUEZ, JOSHUA, CA
[72] GEISLER, VINCE, CA
[72] WHEELER, NOLAN, CA
[71] SYNQ ACCESS + SECURITY TECHNOLOGY LTD., CA
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[25] EN
[54] **USE OF SODIUM CHANNEL BLOCKERS FOR THE TREATMENT OF NEUROPATHIC PAIN DEVELOPING AS A CONSEQUENCE OF CHEMOTHERAPY**
[54] **UTILISATION DE BLOQUEURS DE CANAL DE SODIUM EN VUE DU TRAITEMENT DE DOULEUR NEUROPATHIQUE CONSEQUENTE A UNE CHIMIOTHERAPIE**
[72] LU, SUSAN, CA
[72] WONG, DONALD, CA
[72] KORZ, WALTER, CA
[71] WEX MEDICAL LIMITED, CN
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[25] EN
[54] **DETERMINING DAMAGE TO A CASING STRING IN A WELLBORE**
[54] **DETERMINATION DES DOMMAGES A UNE COLONNE DE TUBAGE DANS UN PUITS DE FORAGE**
[72] ANIKET, US
[72] GONZALES, ADOLFO, US
[72] SAMUEL, ROBELLO, US
[72] GILCRIST, ROBERT D., US
[71] LANDMARK GRAPHICS CORPORATION, US
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[25] EN
[54] **SMART OPEN HOUSE SYSTEM AND METHOD**
[54] **SYSTEME INTELLIGENT DE VISITE DE MAISON A VENDRE ET METHODE**
[72] MEHRANVAR, BABAK, CA
[71] MEHRANVAR, BABAK, CA
[22] 2016-09-16
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[30] US (15266548) 2016-09-15

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[54] **MOUSE CAGE**
[54] **CAGE A SOURIS**
[72] POPESCU, SANDRA, CA
[71] POPESCU, SANDRA, CA
[22] 2016-09-16
[41] 2018-03-13
[30] US (15264497) 2016-09-13

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[51] **Int.Cl. H02J 7/00 (2006.01) H01M 10/44 (2006.01)**
[25] FR
[54] **APPLICATION OF PERIODIC REVERSE CURRENTS WHILE CHARGING A RECHARGEABLE BATTERY**
[54] **APPLICATION DE COURANTS PERIODIQUES INVERSES LORS DU RECHARGEMENT DE BATTERIES RECHARGEABLES**
[72] ROJAS, MIGUEL, CA
[72] SAVADOGO, OUMAROU, CA
[72] BELLEI, GASTON, CA
[71] ROJAS, MIGUEL, CA
[71] SAVADOGO, OUMAROU, CA
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[51] **Int.Cl. G02C 13/00 (2006.01)**
[25] EN
[54] **EYE GLASSES FITTERS, IS FITTINGS CONFIGURED FOR BRIDGING AND HOLDING PARTS AND BROKEN PARTS OF EYE GLASSES IN THEIR RESPECTIVE POSITIONS**
[54] **ADAPTATEURS DE VERRES CORRECTEURS, ADAPTATEURS CONFIGURES POUR RELIER ET MAINTENIR LES PIECES ET LES PIECES BRISEES DES VERRES CORRECTEURS DANS LEURS POSITIONS RESPECTIVES**
[72] FORRESTER, JERRY, CA
[71] FORRESTER, JERRY, CA
[22] 2016-09-15
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[51] **Int.Cl. G06F 3/0488 (2013.01) G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD TO PERFROM AN ALLOCATION USING A CONTINUOUS TWO DIRECTION SWIPE GESTURE**
[54] **SYSTEME ET METHODE D'EXECUTION D'UNE ATTRIBUTION AU MOYEN D'UN GESTE DE BALAYAGE BIDIRECTIONNEL CONTINU**
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG SUK, CA
[71] THE TORONTO-DOMINION BANK, CA
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[51] **Int.Cl. C10L 11/04 (2006.01)**
[25] EN
[54] **FIRE STARTER AND METHOD OF FORMING SAME**
[54] **ALLUME-FEU ET METHODE DE FORMAGE ASSOCIEE**
[72] DAVIDSON, SHAWN, CA
[72] D'SOUZA, ANTHONY J., CA
[71] FUTURE WASTE MANAGEMENT INC., CA
[71] D'SOUZA, ANTHONY J., CA
[22] 2016-09-16
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[51] **Int.Cl. F21S 9/03 (2006.01) E04H 4/14 (2006.01) F21V 31/00 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **SWIMMING POOL LIGHT**
[54] **LUMIERE DE PISCINE**
[72] FOY, JEROME, CA
[71] INNOVAPLAS, CA
[22] 2016-09-16
[41] 2018-03-16

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[51] **Int.Cl. D06M 13/53 (2006.01) B05D 1/18 (2006.01)**
[25] EN
[54] **APPARATUS FOR AUTOMATED PRODUCTION OF A ROLL OF WAXED FABRIC**
[54] **APPAREILLAGE DE PRODUCTION AUTOMATISEE D'UN ROULEAU DE TISSU CIRE**
[72] DESROSIERS, TONI MARIE, CA
[72] BALL, LIAM, CA
[72] GUNSTONE, ADRIAN, CA
[72] ANDERSON, JACOB, CA
[72] CHARLTON, MORGAN, CA
[72] HINDS, DOUGLAS, CA
[71] ABEEGO DESIGNS INC., CA
[22] 2016-09-15
[41] 2018-03-15

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[51] **Int.Cl. C12N 5/04 (2006.01) A23L 7/10 (2016.01) A01H 1/00 (2006.01) A23J 1/12 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **WHEAT VARIETY W040637U2**
[54] **VARIETE DE BLE W040637U2**
[72] LASKAR, WILLIAM JOSEPH, US
[72] LIVELY, KYLE JAY, US
[72] MARSHALL, GREGORY CHARLES, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[22] 2016-11-14
[41] 2018-03-15
[30] US (15/266,087) 2016-09-15

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[13] A1
[51] **Int.Cl. D05B 1/00 (2006.01)**
[25] EN
[54] **TEXTILE ARTICLE MANUFACTURING METHOD**
[54] **METHODE DE FABRICATION D'UN ARTICLE TEXTILE**
[72] MACDONALD, ROBERT, CA
[71] MACDONALD, ROBERT, CA
[22] 2016-11-23
[41] 2018-03-13
[30] CA (2,941,876) 2016-09-13

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01) G06F 17/20 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ON DEMAND FABRICATION OF DELIVERABLE SOCIAL NETWORK MESSAGES**
[54] **METHODE ET SYSTEME DE FABRICATION SUR DEMANDE DE MESSAGES DE RESEAU SOCIAL DISTRIBUABLES**
[72] DEGRAIDE, ADAM D., US
[71] MAKING DEGRAIDE TECHNOLOGY, LLC, US
[22] 2016-11-23
[41] 2018-03-15
[30] US (62/394,834) 2016-09-15
[30] US (15/353,145) 2016-11-16

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[21] **2,949,561**
[13] A1
[51] **Int.Cl. H04L 12/16 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PUBLICATION OF SOCIAL NETWORK MARKETING CONTENT BASED ON SCHEDULE AND PRIORITY**
[54] **METHODE ET SYSTEME DE PUBLICATION DE CONTENU MARKETING DE RESEAU SOCIAL FONDE SUR LA PLANIFICATION ET LA PRIORITE**
[72] DEGRAIDE, ADAM D., US
[71] MAKING DEGRAIDE TECHNOLOGY, LLC, US
[22] 2016-11-23
[41] 2018-03-15
[30] US (62/394,827) 2016-09-15
[30] US (15/353,095) 2016-11-16

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[21] **2,952,309**
[13] A1
[51] **Int.Cl. B65B 31/02 (2006.01)**
[25] EN
[54] **LIQUID CAPTURE APPARATUS FOR USE WITH A VACUUM SEALER**
[54] **APPAREIL DE CAPTAGE DE LIQUIDE DESTINE A UNE SCELLEUSE PAR ASPIRATION**
[72] PALESE, JEFFREY W., US
[71] BLUE SKY INNOVATION GROUP, INC., US
[22] 2016-12-20
[41] 2018-03-16
[30] US (15/267230) 2016-09-16

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[21] **2,952,687**
[13] A1
[51] **Int.Cl. B29C 41/04 (2006.01) B29C 70/68 (2006.01)**
[25] EN
[54] **METHOD AND FIXTURE FOR MOLDING A TANK WITH AN EMBEDDED RING**
[54] **METHODE ET APPAREIL DE MOULAGE D'UN RESERVOIR MUNI D'UNE BAGUE INTEGREE**
[72] ANDERSON, KENNETH S., US
[72] ANDERSON, KLINT S., US
[72] STROMBECK, CHAD, US
[71] ANDERSON, KENNETH S., US
[71] ANDERSON, KLINT S., US
[71] STROMBECK, CHAD, US
[22] 2016-12-28
[41] 2018-03-12
[30] US (62/393,402) 2016-09-12
[30] US (15/391,439) 2016-12-27

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[13] A1
[51] **Int.Cl. A47L 9/00 (2006.01) A47L 5/38 (2006.01) A47L 9/24 (2006.01)**
[25] EN
[54] **VACUUM HOSE COVER**
[54] **COUVRE TUYAU D'ASPIRATEUR**
[72] ASTA, ALFREDO, CA
[71] F2M INTERNATIONAL INC., CA
[22] 2017-02-03
[41] 2018-03-15
[30] US (62/395,038) 2016-09-15

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[21] **2,961,131**
[13] A1
[51] **Int.Cl. D06H 7/00 (2006.01) A47G 9/02 (2006.01)**
[25] EN
[54] **TEXTILE ARTICLE MANUFACTURING METHOD**
[54] **METHODE DE FABRICATION D'UN ARTICLE TEXTILE**
[72] MACDONALD, ROBERT, CA
[71] MACDONALD, ROBERT, CA
[22] 2017-03-16
[41] 2018-03-13
[30] CA (2,941,876) 2016-09-13
[30] CA (2,949,486) 2016-11-23

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[13] A1
[51] **Int.Cl. A61B 34/20 (2016.01) A61B 90/90 (2016.01) A61B 90/98 (2016.01)**
[25] EN
[54] **TRACKABLE APPARATUSES AND METHODS**
[54] **APPAREILLAGES POUVANT ETRE SUIVIS ET METHODES**
[72] SRIMOHANARAJAH, KIRUSHA, CA
[72] DYER, KELLY NOEL, CA
[72] LUI, DOROTHY, CA
[72] BAILEY, BRENT ANDREW, CA
[72] SELA, GAL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[22] 2017-03-31
[41] 2018-03-12
[30] US (15/262,560) 2016-09-12

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[21] **2,964,093**
[13] A1
[51] **Int.Cl. F24C 15/10 (2006.01) F24C 7/00 (2006.01) H05B 6/12 (2006.01)**
[25] EN
[54] **INDUCTION COOKING DEVICE**
[54] **APPAREIL DE CUISSON PAR INDUCTION**
[72] ISAGO, HIROSHI, JP
[72] TAKAHASHI, TOMOYA, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[22] 2017-04-11
[41] 2018-03-15
[30] JP (2016-180819) 2016-09-15

[21] **2,965,029**
[13] A1
[51] **Int.Cl. H05B 6/12 (2006.01) F24C 15/10 (2006.01) H05B 6/42 (2006.01)**
[25] EN
[54] **INDUCTION COOKING DEVICE**
[54] **APPAREIL DE CUISSON PAR INDUCTION**
[72] TAKAHASHI, TOMOYA, JP
[72] ISAGO, HIROSHI, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[22] 2017-04-21
[41] 2018-03-15
[30] JP (2016-180817) 2016-09-15

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[13] A1
[51] **Int.Cl. B64D 31/00 (2006.01) B64C 27/12 (2006.01) B64D 35/08 (2006.01) F02G 5/00 (2006.01)**
[25] EN
[54] **MULTI-ENGINE AIRCRAFT POWER PLANT WITH HEAT RECUPERATION**
[54] **INSTALLATION DE PUISSANCE D'AERONEF MULTIMOTEUR A RECUPERATION DE CHALEUR**
[72] ALECU, DANIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-05-02
[41] 2018-03-16
[30] US (15/267,736) 2016-09-16

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[13] A1
[51] **Int.Cl. H01R 13/639 (2006.01) B61G 5/10 (2006.01)**
[25] EN
[54] **ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE**
[72] GUZELDERELI, YASIN, US
[72] WALSE, ALAN S., US
[72] ANDERSON, JOHN D., US
[71] STANDARD CAR TRUCK COMPANY, US
[22] 2017-05-29
[41] 2018-03-12
[30] US (62/393,444) 2016-09-12
[30] US (15/465,141) 2017-03-21

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[21] **2,970,213**
[13] A1
[51] **Int.Cl. B64C 11/38 (2006.01) F01D 7/00 (2006.01) F15C 3/02 (2006.01)**
[25] EN
[54] **PROPELLER BLADE ANGLE CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE D'ANGLE D'AILETTE DE ROUE A AILETTES**
[72] WADDLETON, DAVID, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-06-08
[41] 2018-03-12
[30] US (62/393,339) 2016-09-12

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[21] **2,971,054**
[13] A1
[51] **Int.Cl. F02C 7/36 (2006.01) F02C 3/107 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **REVERSE-FLOW GAS TURBINE ENGINE**
[54] **TURBINE A GAZ A FLUX INVERSE**
[72] MORGAN, KEITH, CA
[72] PELUSO, ROBERT, CA
[72] PLANTE, GHISLAIN, CA
[72] GEKHT, EUGENE, CA
[72] DUROCHER, ERIC, CA
[72] DUBREUIL, JEAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-06-15
[41] 2018-03-15
[30] US (15/266,321) 2016-09-15

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[21] **2,971,805**
[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) A61B 90/00 (2016.01) A61B 5/145 (2006.01)**
[25] EN
[54] **DEVICE FOR SIMULATING ANALYSIS OF BLOOD GLUCOSE LEVELS**
[54] **DISPOSITIF DE SIMULATION D'ANALYSE DE NIVEAUX DE GLUCOSE SANGUIN**
[72] CRARY, WENDY M., US
[72] BATTAGLIA, ANTHONY J., JR., US
[71] POCKET NURSE ENTERPRISES, INC., US
[22] 2017-06-27
[41] 2018-03-15
[30] US (15/266,360) 2016-09-15

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[21] **2,973,419**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) E04H 12/00 (2006.01) F21S 8/00 (2006.01) H03H 7/01 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **LIGHTING SYSTEM FOR AM TRANSMISSION TOWERS**
[54] **SYSTEME D'ECLAIRAGE DE TOURS DE TRANSMISSION AM**
[72] GRAY, BRIAN, CA
[71] RVA LIGHTING & MASTS INC., CA
[22] 2017-07-14
[41] 2018-03-13
[30] US (62/393,702) 2016-09-13
[30] US (62/484,458) 2017-04-12

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[21] **2,974,564**
[13] A1
[51] **Int.Cl. B64D 25/14 (2006.01) A62B 1/20 (2006.01) E04G 21/32 (2006.01)**
[25] EN
[54] **ARCHED INFLATABLE STRUCTURE FOR EVACUATION SLIDE SYSTEMS**
[54] **STRUCTURE GONFLABLE ARQUEE DESTINEE AUX SYSTEMES D'EVACUATION PAR TOBOGGAN**
[72] PREVOST, CRAIG, US
[72] SCHMIDT, RYAN, US
[71] GOODRICH CORPORATION, US
[22] 2017-07-25
[41] 2018-03-15
[30] US (15/266,816) 2016-09-15

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[21] **2,974,583**
[13] A1
[51] **Int.Cl. G01C 9/00 (2006.01) B64D 43/00 (2006.01) B64D 45/02 (2006.01) F16C 35/07 (2006.01)**
[25] EN
[54] **ELECTRICAL ISOLATION OF ANGLE OF ATTACK VANE BEARINGS**
[54] **ISOLEMENT ELECTRIQUE DE PALIERS D'AUBE A ANGLE D'ATTAQUE**
[72] KRUEGER, WILLIAM B., US
[72] SCHWARTZ, RICHARD ALAN, US
[72] FREEMAN, KENNETH, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2017-07-25
[41] 2018-03-16
[30] US (15/267,309) 2016-09-16

[21] **2,974,603**
[13] A1
[51] **Int.Cl. B64D 43/00 (2006.01) B64D 47/00 (2006.01) G06F 19/00 (2018.01)**
[25] EN
[54] **GRAPHICAL USER INTERFACE FOR OPTIMIZATION OF FLIGHT PLAN SCHEDULE, RIDE QUALITY, AND EFFICIENCY**
[54] **INTERFACE UTILISATEUR GRAPHIQUE DESTINEE A L'OPTIMISATION DE LA PLANIFICATION DE PLAN DE VOL, LA QUALITE DE TRAJET ET L'EFFICIENCE**
[72] HAMILTON, JAMES R., US
[72] SAIN, KENNETH, US
[71] THE BOEING COMPANY, US
[22] 2017-07-25
[41] 2018-03-16
[30] US (15/267,423) 2016-09-16

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[21] **2,974,649**
[13] A1
[51] **Int.Cl. B64D 25/14 (2006.01) B64C 1/14 (2006.01) B64C 1/32 (2006.01)**
[25] EN
[54] **RELEASE SYSTEM FOR EVACUATION SLIDE ASSEMBLY**
[54] **MECANISME DE DEGAGEMENT DESTINE A UN ASSEMBLAGE DE TOBOGGAN D'EVACUATION**
[72] SCHMIDT, RYAN, US
[72] RITZEMA RAUTENBACH, HELPERUS, US
[71] GOODRICH CORPORATION, US
[22] 2017-07-25
[41] 2018-03-12
[30] US (15/262,944) 2016-09-12

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[21] **2,974,664**
[13] A1
[51] **Int.Cl. B64D 25/14 (2006.01) B63C 9/02 (2006.01)**
[25] EN
[54] **INFLATABLE EVACUATION SYSTEM WITH CANOPY SUPPORT**
[54] **SYSTEME D'EVACUATION GONFLABLE A SUPPORT DE VERRIERE**
[72] VOLNY, JARO S., US
[72] HARTMAN, DREW, US
[71] GOODRICH CORPORATION, US
[22] 2017-07-25
[41] 2018-03-16
[30] US (15/267,602) 2016-09-16

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[21] **2,974,680**
[13] A1
[51] **Int.Cl. B61L 5/04 (2006.01) B61L 5/00 (2006.01)**
[25] EN
[54] **ELECTRIC-HYDRAULIC RAILWAY SWITCH DEVICE FOR MOVING RAILROAD SWITCH POINTS**
[54] **DISPOSITIF DE COMMUTATION DE VOIE FERREE ELECTRIQUE-HYDRAULIQUE DESTINE A DEPLACER LES POINTS DE COMMUTATION DE VOIE FERREE**
[72] DOS SANTOS RODRIGUES, DILSON, US
[71] ADVANCED RAIL SYSTEMS, INC., US
[22] 2017-07-28
[41] 2018-03-12
[30] US (15/262,908) 2016-09-12
[30] US (15/499,890) 2017-04-28

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[21] **2,975,158**
[13] A1
[51] **Int.Cl. A47D 15/00 (2006.01) A41B 13/00 (2006.01) A45F 3/04 (2006.01) A47D 13/02 (2006.01)**
[25] EN
[54] **BABY CARRIER COVER**
[54] **COUVRE PORTE-BEBE**
[72] MCHUGH, MICHAEL BENJAMIN, CA
[71] MCHUGH, MICHAEL BENJAMIN, CA
[22] 2017-08-03
[41] 2018-03-16
[30] US (62395450) 2016-09-16

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[21] **2,975,554**
[13] A1
[51] **Int.Cl. F02C 7/32 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **MULTI-SPOOL GAS TURBINE ENGINE ARCHITECTURE**
[54] **ARCHITECTURE DE TURBINE A GAZ A BOBINES MULTIPLES**
[72] DUROCHER, ERIC, CA
[72] MORGAN, KEITH, CA
[72] MITROVIC, LAZAR, CA
[72] POULIN, MARTIN, CA
[72] DUBREUIL, JEAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-04
[41] 2018-03-15
[30] US (15/266,321) 2016-09-15
[30] US (15/351,818) 2016-11-15

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[21] **2,975,560**
[13] A1
[51] **Int.Cl. F02C 7/36 (2006.01) F01D 25/24 (2006.01) F02C 7/32 (2006.01)**
[25] EN
[54] **REVERSE FLOW GAS TURBINE ENGINE WITH OFFSET RGB**
[54] **TURBINE A FLUX INVERSE EQUIPEE D'UN REDUCTEUR DE VITESSE DECALE**
[72] DUBREUIL, JEAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-08-04
[41] 2018-03-15
[30] US (15/266,321) 2016-09-15
[30] US (15/407,401) 2017-01-17

[21] **2,976,159**
[13] A1
[51] **Int.Cl. A47J 47/04 (2006.01) A23L 5/00 (2016.01) A23L 27/00 (2016.01) A47G 19/34 (2006.01) B65D 43/16 (2006.01)**
[25] EN
[54] **USER-CONFIGURABLE FLAVORING SYSTEM**
[54] **SYSTEME D'AROMATISATION CONFIGURABLE PAR L'UTILISATEUR**
[72] BASHIR, RAZA, CA
[72] WISSENT, CRAIG, CA
[72] GALAZ, GUSTAVO, CA
[72] EDWARDS, ANDREW, CA
[71] NORTHERN INNOVATIONS HOLDING CORP., CA
[22] 2017-08-14
[41] 2018-03-14
[30] US (15/265,067) 2016-09-14

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[13] A1
[51] **Int.Cl. B05B 1/34 (2006.01)**
[25] FR
[54] **ROTATION DEVICE FOR A FLUID IN A NOZZLE, ASSEMBLY INCLUDING SUCH A DEVICE AND APPLICATION DEVICE**
[54] **DISPOSITIF DE MISE EN ROTATION D'UN FLUIDE A L'INTERIEUR D'UNE BUSE, ENSEMBLE COMPRENANT UN TEL DISPOSITIF ET DISPOSITIF D'APPLICATION**
[72] BENNANI, TARIK, FR
[72] COGNON, THIBAULT, FR
[72] GAILLET, ROMAIN, FR
[71] EXEL INDUSTRIES, FR
[22] 2017-08-15
[41] 2018-03-14
[30] FR (1658549) 2016-09-14

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[13] A1
[51] **Int.Cl. G16H 10/00 (2018.01) G16H 40/00 (2018.01) G06F 17/30 (2006.01)**
[25] EN
[54] **PHARMACY DATABASE STRUCTURE COMPONENT**
[54] **COMPOSANTE DE STRUCTURE DE BASE DE DONNEES DE PHARMACIE**
[72] ENG, EDWARD J., US
[71] MEDISITE INC., US
[22] 2017-08-15
[41] 2018-03-14
[30] US (15/265,044) 2016-09-14

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[13] A1
[51] **Int.Cl. C09D 11/03 (2014.01) C09D 11/101 (2014.01) C09D 11/107 (2014.01) B41F 7/00 (2006.01) B41F 7/24 (2006.01)**
[25] EN
[54] **PHASE-CHANGE DIGITAL ADVANCED LITHOGRAPHIC IMAGING INKS WITH AMIDE GELLANT TRANSFER ADDITIVES**
[54] **ENCRES D'IMAGERIE LITHOGRAPHIQUE EVOLUEE NUMERIQUE A CHANGEMENT DE PHASE RENFERMANT DES ADDITIFS DE TRANSFERT GELIFIANTS AMIDES**
[72] ALLEN, C. GEOFFREY, CA
[72] BRETON, MARCEL P., CA
[72] CHOPRA, NAVEEN, CA
[72] MAGDALINIS, AURELIAN VALERIU, CA
[72] LEE, JONATHAN SIU-CHUNG, CA
[72] ABRAHAM, BIBY E., CA
[72] MAYO, JAMES D., CA
[71] XEROX CORPORATION, US
[22] 2017-08-21
[41] 2018-03-12
[30] US (15/262809) 2016-09-12

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[13] A1
[51] **Int.Cl. C09D 11/03 (2014.01) C09D 11/101 (2014.01) C09D 11/107 (2014.01) B41F 7/00 (2006.01) B41F 7/24 (2006.01)**
[25] EN
[54] **INK WITH IMPROVED TRANSFER EFFICIENCY AT LOW TEMPERATURE FOR DIGITAL OFFSET PRINTING APPLICATIONS**
[54] **ENCRE A EFFICACITE DE TRANSFERT AMELIOREE A BASSE TEMPERATURE DESTINEE AUX APPLICATIONS D'IMPRESSION OFFSET NUMERIQUE**
[72] MAYO, JAMES D., CA
[72] MAGDALINIS, AURELIAN VALERIU, CA
[72] STOWE, TIMOTHY D., US
[72] ALLEN, C. GEOFFREY, CA
[72] ABRAHAM, BIBY E., CA
[72] BRETON, MARCEL P., CA
[72] LEE, JONATHAN SIU-CHUNG, CA
[71] XEROX CORPORATION, US
[71] PALO ALTO RESEARCH CENTER INCORPORATED, US
[22] 2017-08-21
[41] 2018-03-12
[30] US (15/262750) 2016-09-12

[21] **2,977,055**
[13] A1
[51] **Int.Cl. C09D 11/03 (2014.01) C09D 11/101 (2014.01) C09D 11/107 (2014.01) B41F 7/00 (2006.01) B41F 7/24 (2006.01)**
[25] EN
[54] **DIGITAL ADVANCED LITHOGRAPHY IMAGING INKS WITH IMPROVED CURABLE PERFORMANCE, IMAGE ROBUSTNESS AND PROCESSES THEREOF**
[54] **ENCRES D'IMAGERIE LITHOGRAPHIQUE EVOLUEE NUMERIQUE A RENDEMENT DE DURCISSEMENT ET ROBUSTESSE D'IMAGE AMELIORES ET PROCEDES ASSOCIES**
[72] MAYO, JAMES D., CA
[72] ABRAHAM, BIBY E., CA
[72] MAGDALINIS, AURELIAN VALERIU, CA
[72] ALLEN, C. GEOFFREY, CA
[72] MOORLAG, CAROLYN, CA
[72] LEE, JONATHAN SIU-CHUNG, CA
[72] BRETON, MARCEL P., CA
[71] XEROX CORPORATION, US
[22] 2017-08-21
[41] 2018-03-12
[30] US (15/262776) 2016-09-12

[21] **2,977,080**
[13] A1
[51] **Int.Cl. C09D 11/104 (2014.01) C09D 11/03 (2014.01) C09D 11/101 (2014.01) C09D 11/107 (2014.01) B41F 7/00 (2006.01) B41F 7/24 (2006.01)**
[25] EN
[54] **PHASE-CHANGE DIGITAL ADVANCED LITHOGRAPHIC IMAGING INK WITH POLYESTER TRANSFER ADDITIVE**
[54] **ENCRE D'IMAGERIE LITHOGRAPHIQUE EVOLUEE NUMERIQUE A CHANGEMENT DE PHASE RENFERMANT UN ADDITIF DE TRANSFERT POLYESTER**
[72] MAYO, JAMES D., CA
[72] SCARIPANTE, GUERINO G., CA
[72] BRETON, MARCEL P., CA
[72] MAGDALINIS, AURELIAN VALERIU, CA
[72] LEE, JONATHAN SIU-CHUNG, CA
[72] BIRAU, MIHAELA MARIA, CA
[71] XEROX CORPORATION, US
[22] 2017-08-21
[41] 2018-03-12
[30] US (15/262871) 2016-09-12

[21] **2,977,104**
[13] A1
[51] **Int.Cl. G03G 15/16 (2006.01) B32B 27/28 (2006.01) B32B 27/42 (2006.01)**
[25] EN
[54] **TRANSFER ASSIST MEMBERS**
[54] **ELEMENTS D'AIDE AU TRANSFERT**
[72] WU, JIN, US
[72] MA, LIN, US
[71] XEROX CORPORATION, US
[22] 2017-08-21
[41] 2018-03-16
[30] US (15/267816) 2016-09-16

[21] **2,977,117**
[13] A1
[51] **Int.Cl. E06B 11/02 (2006.01) E04H 17/00 (2006.01) E05D 3/00 (2006.01) E06B 11/04 (2006.01)**
[25] EN
[54] **FENCE GATE ASSEMBLY, FENCE GATE KIT, SYSTEM AND METHODS OF MANUFACTURING THEREOF**
[54] **ASSEMBLAGE DE PORTE DE CLOTURE, NECESSAIRE DE PORTE DE CLOTURE, SYSTEMES ET METHODES DE FABRICATION ASSOCIES**
[72] WRIGHT, DOUGLAS G., US
[72] CLARK, CHRISTOPHER R., US
[72] SCHNEIDER, CHRISTOPHER M., US
[71] BARRETTE OUTDOOR LIVING, INC., US
[22] 2017-08-23
[41] 2018-03-13
[30] US (15/263,799) 2016-09-13

[21] **2,977,119**
[13] A1
[51] **Int.Cl. B41J 2/01 (2006.01) C09D 11/40 (2014.01) B33Y 40/00 (2015.01) B33Y 70/00 (2015.01) B29C 64/30 (2017.01)**
[25] EN
[54] **COLORED SUPPORT MATERIAL FOR INKJET-MEDIATED ADDITIVE MANUFACTURING**
[54] **MATERIAU DE SUPPORT COLORE DESTINE A LA FABRICATION D'ADDITIF ATTENUE PAR JET D'ENCRE**
[72] CHOPRA, NAVEEN, CA
[72] ALLEN, GEOFFREY C., CA
[72] VELLA, SARAH J., CA
[72] JIDDAWI, SALEH, CA
[72] MOORLAG, CAROLYN, CA
[71] XEROX CORPORATION, US
[22] 2017-08-21
[41] 2018-03-15
[30] US (15/266427) 2016-09-15

[21] **2,977,132**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) B23K 26/342 (2014.01) F01D 5/08 (2006.01) F01D 5/28 (2006.01) F01D 9/02 (2006.01) F23R 3/00 (2006.01)**
[25] EN
[54] **ADDITIVELY DEPOSITED GAS TURBINE ENGINE COOLING COMPONENT**
[54] **COMPOSANTE DE REFROIDISSEMENT DE TURBINE A GAZ DEPOSEE DE MANIERE ADDITIVE**
[72] VARNEY, BRUCE, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2017-08-23
[41] 2018-03-13
[30] US (15/264,098) 2016-09-13

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[21] **2,977,388**
[13] A1
[51] **Int.Cl. C10G 67/02 (2006.01)**
[25] EN
[54] **PROCESS TO MAKE DIESEL USING OIL SANDS DERIVED DISTILLATE PRODUCT**
[54] **PROCEDE DE PRODUCTION DE DIESEL AU MOYEN DE PRODUIT DE DISTILLATION DERIVE DES SABLES BITUMINEUX**
[72] NARAYANASARMA, PRABHU, CA
[72] CHAN, MELVIN, CA
[72] BUTLER, ROBERT, CA
[72] PATEL, ATUL, CA
[71] CANADIAN NATURAL RESOURCES LIMITED, CA
[22] 2017-08-28
[41] 2018-03-13
[30] CA (2,941,583) 2016-09-13

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[21] **2,977,498**
[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01)**
[25] EN
[54] **GROUND DIRECTION OF AIRCRAFT DATALINKS**
[54] **INSTRUCTIONS DE SOL DES LIENS DE DONNEES D'AERONEF**
[72] KIRK, JAMES CHRISTOPHER, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2017-08-24
[41] 2018-03-13
[30] US (15/264,549) 2016-09-13

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[21] **2,977,702**
[13] A1
[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 3/0481 (2013.01)**
[25] EN
[54] **SYSTEM AND METHOD TO PERFORM A NUMERICAL INPUT A USING CONTINOUS SWIPE GESTURE**
[54] **SYSTEME ET METHODE SERVANT A REALISER UNE ENTREE NUMERIQUE AU MOYEN D'UN GESTE DE BALAYAGE CONTINU**
[72] VAN DAMME, EDWIN, CA
[72] HALDENBY, PERRY AARON JONES, CA
[72] CHAN, PAUL MON-WAH, CA
[72] LEE, JOHN JONG-SUK, CA
[71] THE TORONTO-DOMINION BANK, CA
[22] 2017-08-29
[41] 2018-03-16
[30] US (62/409,565) 2016-10-18
[30] US (15/267,930) 2016-09-16

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[21] **2,977,778**
[13] A1
[51] **Int.Cl. G05B 19/418 (2006.01) F23M 11/04 (2006.01) G05B 23/02 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING PROCESS/EQUIPMENT FAULT DIAGNOSIS**
[54] **METHODE D'AMELIORATION DU DIAGNOSTIC DE DEFAILLANCE DE PROCEDE ET EQUIPEMENT**
[72] CHENG, XU, US
[72] CAN-CIMINO, AZIME, US
[72] KEPHART, RICHARD W., US
[71] EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC., US
[22] 2017-08-29
[41] 2018-03-14
[30] US (15/265,517) 2016-09-14

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[21] **2,977,902**
[13] A1
[51] **Int.Cl. B64C 13/24 (2006.01) B64C 25/26 (2006.01) F16B 1/02 (2006.01)**
[25] EN
[54] **LOCKING DEVICE FOR LOCKING A MECHANISM FOR AN AIRCRAFT**
[54] **DISPOSITIF DE VERROUILLAGE DESTINE A VERROUILLER UN MECANISME D'AERONEF**
[72] ZWIEBLER, MARKUS, DE
[72] JOCHAM, MARKUS, DE
[71] LIEBHERR-AEROSPACE LINDENBERG GMBH, DE
[22] 2017-08-31
[41] 2018-03-15
[30] DE (20 2016 005 689.2) 2016-09-15
[30] DE (10 2017 118 128.8) 2017-08-09

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[13] A1
[51] **Int.Cl. E21B 7/08 (2006.01) E21B 7/04 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DIRECTIONAL DRILLING OF BOREHOLES**
[54] **APPAREIL ET METHODE DE FORAGE DIRECTIONNEL DE TROUS DE FORAGE**
[72] WANG, DUANE XIANG, CA
[71] WANG, DUANE XIANG, CA
[22] 2017-09-05
[41] 2018-03-16
[30] US (62/395,746) 2016-09-16

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[21] **2,978,263**
[13] A1
[51] **Int.Cl. B01D 17/02 (2006.01) B01D 11/04 (2006.01)**
[25] EN
[54] **CHEMICAL ADDITIVE FOR RECLAIMING OIL FROM A PRODUCT STREAM**
[54] **ADDITIF CHIMIQUE SERVANT A RECUPERER L'HUILE D'UN FLUX DE PRODUIT**
[72] HALE, TRAVIS, US
[72] SCOBELL, ROBERT, US
[72] SKWERES, SEAN, US
[71] APPLIED MATERIAL SOLUTIONS, INC., US
[22] 2017-09-01
[41] 2018-03-13
[30] US (15/263,680) 2016-09-13

[21] **2,978,264**
[13] A1
[51] **Int.Cl. C11B 3/00 (2006.01) C08H 3/00 (2006.01) C08J 11/00 (2006.01) C11B 1/00 (2006.01) C11B 1/10 (2006.01) C11B 13/00 (2006.01)**
[25] EN
[54] **CHEMICAL ADDITIVE FOR RECLAIMING OIL FROM A PRODUCT STREAM**
[54] **ADDITIF CHIMIQUE SERVANT A RECUPERER L'HUILE D'UN FLUX DE PRODUIT**
[72] HALE, TRAVIS, US
[72] SCOBELL, ROBERT, US
[72] SKWERES, SEAN, US
[71] APPLIED MATERIAL SOLUTIONS, INC., US
[22] 2017-09-01
[41] 2018-03-13
[30] US (15/263,670) 2016-09-13

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[13] A1
[51] **Int.Cl. C11B 3/00 (2006.01) C08H 3/00 (2006.01) C08J 11/00 (2006.01) C11B 1/00 (2006.01) C11B 1/10 (2006.01) C11B 13/00 (2006.01)**
[25] EN
[54] **CHEMICAL ADDITIVE FOR RECLAIMING OIL FROM A PRODUCT STREAM**
[54] **ADDITIF CHIMIQUE SERVANT A RECUPERER L'HUILE D'UN FLUX DE PRODUIT**
[72] HALE, TRAVIS, US
[72] SCOBELL, ROBERT, US
[72] SKWERES, SEAN, US
[71] APPLIED MATERIAL SOLUTIONS, INC., US
[22] 2017-09-01
[41] 2018-03-13
[30] US (15/263,651) 2016-09-13

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[13] A1
[51] **Int.Cl. E21B 44/04 (2006.01) E21B 12/00 (2006.01) E21B 44/00 (2006.01) F16F 15/00 (2006.01) G05D 17/02 (2006.01)**
[25] EN
[54] **STICK-SLIP MITIGATION ON DIRECT DRIVE TOP DRIVE SYSTEMS**
[54] **ATTENUATION DE GLISSEMENT SACCADE SUR LES SYSTEMES D'ENTRAINEMENT SUPERIEUR A ENTRAINEMENT DIRECT**
[72] PATTERSON, JOHN, US
[72] WHATLEY, MICHAEL, US
[72] YOUSEF, FAISAL, US
[72] HADI, MAHMOUD, US
[71] NABORS DRILLING TECHNOLOGIES USA, INC., US
[22] 2017-09-05
[41] 2018-03-13
[30] US (15/264,171) 2016-09-13

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[21] **2,978,387**
[13] A1
[51] **Int.Cl. B65D 85/80 (2006.01) B31B 70/00 (2017.01) B65D 33/14 (2006.01)**
[25] EN
[54] **MILK STORAGE SYSTEM AND ASSOCIATED METHODS**
[54] **SYSTEME D'ENTREPOSAGE DE LAIT ET METHODE ASSOCIEE**
[72] REDFORD, SARAH A., US
[71] WAL-MART STORES, INC., US
[22] 2017-09-07
[41] 2018-03-12
[30] US (62/393,309) 2016-09-12

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[21] **2,978,420**
[13] A1
[51] **Int.Cl. B65D 21/028 (2006.01)**
[25] EN
[54] **SYSTEM FOR INTERCONNECTING CONTAINERS**
[54] **SYSTEME D'INTERCONNEXION DE CONTENEURS**
[72] MURPHY, AMANDA, CA
[71] MURPHY, AMANDA, CA
[22] 2017-09-06
[41] 2018-03-12
[30] US (15/690,411) 2017-08-30
[30] US (62/393,573) 2016-09-12

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[21] **2,978,499**
[13] A1
[51] **Int.Cl. B23K 37/04 (2006.01) B23K 26/38 (2014.01) B23K 37/053 (2006.01)**
[25] EN
[54] **SUPPORT DEVICE FOR SUPPORTING A TUBE ON A TUBE WORKING MACHINE, PARTICULARLY A LASER TUBE CUTTING MACHINE, AND TUBE WORKING MACHINE COMPRISING SUCH A SUPPORT DEVICE**
[54] **DISPOSITIF DE SUPPORT SERVANT A SUPPORTER UN TUBE SUR UNE MACHINE DE TRAVAIL DE TUBE, PARTICULIEREMENT UNE MACHINE DE COUPE DE TUBE AU LASER, ET MACHINE DE TRAVAIL DE TUBE COMPORTANT UN TEL DISPOSITIF DE SUPPORT**
[72] RIOLFATTI, RICCARDO, IT
[72] NIATO, CARLO, IT
[71] ADIGE S.P.A., IT
[22] 2017-09-06
[41] 2018-03-13
[30] IT (102016000092105) 2016-09-13

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[21] **2,978,550**
[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/00 (2016.01) H04W 4/80 (2018.01) H04B 5/00 (2006.01) G11C 16/02 (2006.01)**
[25] EN
[54] **TRACKING AND COMMISSIONING OF LIGHT ENGINES USING NEAR FIELD COMMUNICATION**
[54] **SURVEILLANCE ET MISE EN SERVICE DE MOTEURS LEGERS AU MOYEN DE COMMUNICATION EN CHAMP PROCHE**
[72] WAN FONG, DAVID, CA
[72] LAVIGNE, ERIC, CA
[72] WAHEED, YASEEN AHMED, CA
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-09-08
[41] 2018-03-12
[30] US (62/393,618) 2016-09-12
[30] US (15/423,906) 2017-02-03

[21] **2,978,615**
[13] A1
[51] **Int.Cl. B23K 9/26 (2006.01)**
[25] EN
[54] **ELECTRODE CHIP ATTACHMENT DEVICE**
[54] **DISPOSITIF DE FIXATION DE PUCE A ELECTRODE**
[72] KOYAMA, YUHEI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-09-07
[41] 2018-03-14
[30] JP (2016-179644) 2016-09-14

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[21] **2,978,711**
[13] A1
[51] **Int.Cl. H01M 2/02 (2006.01) H01M 2/08 (2006.01) G02C 7/04 (2006.01)**
[25] EN
[54] **TUBULAR FORM BIOMEDICAL DEVICE BATTERIES**
[54] **BATTERIES DESTINEES A DES APPAREILS BIOMEDICAUX DE FORME TUBULAIRE**
[72] DAVIS, STUART MICHAEL, US
[72] FLITSCH, FREDERICK A., US
[72] MUTHU, MILLBURN EBENEZER, US
[72] PUGH, RANDALL B., US
[72] TONER, ADAM, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2017-09-08
[41] 2018-03-12
[30] US (62/393,281) 2016-09-12
[30] US (15/676,338) 2017-08-14

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[21] **2,978,716**
[13] A1
[51] **Int.Cl. H01M 2/02 (2006.01) H01M 2/08 (2006.01)**
[25] EN
[54] **TUBULAR FORM BIOMEDICAL DEVICE BATTERIES WITH ELECTROLESS SEALING**
[54] **BATTERIES DESTINEES A UN APPAREIL BIOMEDICAL DE FORME TUBULAIRE**
[72] DAVIS, STUART MICHAEL, US
[72] FLITSCH, FREDERICK A., US
[72] MUTHU, MILLBURN EBENEZER, US
[72] PUGH, RANDALL B., US
[72] TONER, ADAM, US
[72] WEINSTEIN, LAWRENCE, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2017-09-08
[41] 2018-03-12
[30] US (62/393,281) 2016-09-12
[30] US (15/676,364) 2017-08-14

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[21] **2,978,758**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61M 25/00 (2006.01) A61M 25/14 (2006.01)**
[25] EN
[54] **IRRIGATION SYSTEM FOR A CATHETER**
[54] **SYSTEME D'IRRIGATION DESTINE A UN CATHETER**
[72] BAR-TAL, MEIR, IL
[72] HIRSZOWICZ, ERAN YONA, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-09-07
[41] 2018-03-12
[30] US (15/262,682) 2016-09-12

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[21] **2,978,759**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61M 25/00 (2006.01) A61M 25/14 (2006.01) A61B 5/01 (2006.01)**
[25] EN
[54] **ABLATION CATHETER WITH A FLEXIBLE PRINTED CIRCUIT BOARD**
[54] **CATHETER D'ABLATION DOTE D'UNE CARTE DE CIRCUITS IMPRIMES FLEXIBLE**
[72] BAR-TAL, MEIR, IL
[72] REUVENI, AVI, IL
[72] HIRSZOWICZ, ERAN YONA, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-09-07
[41] 2018-03-12
[30] US (15/262,705) 2016-09-12

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[21] **2,978,786**
[13] A1
[51] **Int.Cl. A41D 13/08 (2006.01) A41D 11/00 (2006.01) A41D 19/01 (2006.01) A41D 19/015 (2006.01) A41D 27/10 (2006.01)**
[25] EN
[54] **A SLEEVE INCORPORATING A COVER MEANS**
[54] **UN MANCHON COMPORTANT UN DISPOSITIF DE COUVERCLE**
[72] HUNTER, KYLIE, GB
[71] RPF DEVELOPMENTS LTD., GB
[22] 2017-09-11
[41] 2018-03-13
[30] GB (GB1615545.9) 2016-09-13

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[21] **2,978,799**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61M 25/00 (2006.01) A61M 25/095 (2006.01)**
[25] EN
[54] **ABLATION CATHETER WITH STRAIN GAUGES**
[54] **CATHETER D'ABLATION DOTE DE JAUGES DE CONTRAINTE**
[72] BAR-TAL, MEIR, IL
[72] REUVENI, AVI, IL
[72] HIRSZOWICZ, ERAN YONA, IL
[72] HIRSZOWICZ, STAV ABI, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-09-07
[41] 2018-03-12
[30] US (15/262,726) 2016-09-12

[21] **2,978,802**
[13] A1
[51] **Int.Cl. A47C 17/52 (2006.01) A47B 85/00 (2006.01)**
[25] EN
[54] **FOLDING BED AND FILING CABINET**
[54] **LIT PLIANT ET CLASSEUR**
[72] HONARVAR, FARHANG, CA
[71] HONARVAR, FARHANG, CA
[22] 2017-09-08
[41] 2018-03-15
[30] US (15/526,927) 2016-09-15

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[21] **2,978,804**
[13] A1
[51] **Int.Cl. E21B 21/10 (2006.01) E21B 7/18 (2006.01) E21B 47/18 (2012.01) F16K 31/12 (2006.01)**
[25] EN
[54] **HYDRAULIC PULSE VALVE WITH IMPROVED WEAR LIFE AND PERFORMANCE**
[54] **SOUPAPE A POUSSEE HYDRAULIQUE OFFRANT UNE DUREE UTILE ET UN RENDEMENT AMELIORES**
[72] THEIMER, ANTHONY R., US
[72] KOLLE, JACK J., US
[71] TEMPRESS TECHNOLOGIES, INC., US
[22] 2017-09-08
[41] 2018-03-14
[30] US (62/394,478) 2016-09-14
[30] US (15/685,271) 2017-08-24

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[21] **2,978,810**
[13] A1
[51] **Int.Cl. A47B 47/00 (2006.01) A47B 96/06 (2006.01) F16B 2/22 (2006.01)**
[25] EN
[54] **CABINET WITH SNAP-IN FRAME**
[54] **ARMOIRE DOTEE D'UN CADRE A ENCLENCHER**
[72] JEFFRIES, MARK STEVEN, US
[71] AUSTIN HARDWARE & SUPPLY, INC., US
[22] 2017-09-11
[41] 2018-03-12
[30] US (62/393,222) 2016-09-12

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[21] **2,978,813**
[13] A1
[51] **Int.Cl. E06B 3/46 (2006.01) A47B 96/20 (2006.01) B25H 5/00 (2006.01)**
[25] EN
[54] **SLIDING CLOSURE FOR CABINETS**
[54] **FERMETURE COULISSANTE DESTINEE A DES ARMOIRES**
[72] JEFFRIES, MARK STEVEN, US
[72] JEFFRIES, JASON ROSS, US
[71] AUSTIN HARDWARE & SUPPLY, INC., US
[22] 2017-09-11
[41] 2018-03-12
[30] US (62/393,368) 2016-09-12

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[21] **2,978,816**
[13] A1
[51] **Int.Cl. E06B 3/96 (2006.01) E06B 1/52 (2006.01) F16B 1/00 (2006.01) F16B 12/46 (2006.01)**
[25] EN
[54] **FRAME WITH STRENGTHENED CORNERS**
[54] **CADRE A COINS RENFORCES**
[72] JEFFRIES, MARK STEVEN, US
[71] AUSTIN HARDWARE & SUPPLY, INC., US
[22] 2017-09-11
[41] 2018-03-12
[30] US (62/393,462) 2016-09-12

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[21] **2,978,849**
[13] A1
[51] **Int.Cl. F16L 55/11 (2006.01) B23P 15/00 (2006.01) F01M 11/04 (2006.01) F16B 35/00 (2006.01) F16N 31/00 (2006.01)**
[25] EN
[54] **DRAIN PLUG AND MANUFACTURING METHOD THEREOF**
[54] **BOUCHON DE DRAIN ET PROCEDE DE FABRICATION ASSOCIE**
[72] MIYAZONO, HIDEAKI, JP
[72] MATSUMOTO, YOSUKE, JP
[72] FUJINO, JIRO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-09-11
[41] 2018-03-13
[30] JP (2016-178744) 2016-09-13

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[21] **2,978,862**
[13] A1
[51] **Int.Cl. E03F 5/04 (2006.01)**
[25] EN
[54] **ADJUSTABLE FLOOR DRAIN AND METHOD OF INSTALLATION**
[54] **DRAIN DE PLANCHER AJUSTABLE ET METHODE D'INSTALLATION**
[72] SAY, CHRISTOPHER J., US
[72] WAGNER, ADAM F., US
[72] BROOKS, SETH A., US
[72] MORRIS, JASON E., US
[71] ZURN INDUSTRIES, LLC, US
[22] 2017-09-11
[41] 2018-03-12
[30] US (62/393250) 2016-09-12
[30] US (62/396350) 2016-09-19
[30] US (62/462196) 2017-02-22

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[21] **2,978,881**
[13] A1
[51] **Int.Cl. B42D 15/02 (2006.01) B65D 5/64 (2006.01)**
[25] EN
[54] **THEMED GIFT CARD AND GIFT CARD HOLDER COMBINATIONS AND PACKAGING THEREFOR**
[54] **COMBINAISONS DE CARTE-CADEAU ET PORTE CARTE-CADEAU THEMATIQUES ET EMBALLAGE ASSOCIE**
[72] MAYER, DAVID, US
[72] NELSON, GARY, US
[71] AMERICAN GREETINGS CORPORATION, US
[22] 2017-09-11
[41] 2018-03-12
[30] US (62/393,503) 2016-09-12
[30] US (15/698,387) 2017-09-07

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[21] **2,978,884**
[13] A1
[51] **Int.Cl. B23Q 3/06 (2006.01) B23Q 35/08 (2006.01) B23Q 35/128 (2006.01)**
[25] EN
[54] **KEY DUPLICATION MACHINE HAVING PIVOTING CLAMP**
[54] **MACHINE DE DUPLICATION DE CLE COMPORTANT UNE PINCE PIVOTANTE**
[72] GERLINGS, PHILLIP, US
[72] SCHMIDT, MICHAEL, US
[72] PEREA, LAWRENCE, US
[71] THE HILLMAN GROUP, INC., US
[22] 2017-09-11
[41] 2018-03-13
[30] US (62/393,905) 2016-09-13

[21] **2,978,900**
[13] A1
[51] **Int.Cl. E02F 5/02 (2006.01) E02F 5/08 (2006.01) E02F 5/14 (2006.01) F16L 1/06 (2006.01)**
[25] EN
[54] **CUTTING TOOL**
[54] **OUTIL DE COUPE**
[72] NEUBACH, STEFAN, AT
[72] MOLLER, KARL, US
[71] TYROLIT-SCHLEIFMITTELWERKE SWAROVSKI K.G., AT
[22] 2017-09-11
[41] 2018-03-12
[30] AT (A50806/2016) 2016-09-12

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[13] A1
[51] **Int.Cl. H02J 13/00 (2006.01) H02H 3/04 (2006.01) H02H 7/26 (2006.01)**
[25] EN
[54] **POWER OUTAGE SENSING APPARATUS**
[54] **APPAREIL DE DETECTION DE PANNE DE COURANT**
[72] FESS, JAMES, CA
[71] RVA LIGHTING & MASTS INC., CA
[22] 2017-09-12
[41] 2018-03-12
[30] US (62/393,178) 2016-09-12

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[13] A1
[51] **Int.Cl. A24C 5/40 (2006.01)**
[25] EN
[54] **HANDHELD CIGARETTE-MAKING MACHINE**
[54] **MACHINE DE FABRICATION DE CIGARETTE TENUE A LA MAIN**
[72] PARCEVAUX, PHILIPPE, FR
[71] REPUBLIC TOBACCO L.P., US
[22] 2017-09-11
[41] 2018-03-12
[30] US (15/262,527) 2016-09-12

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[21] **2,978,926**
[13] A1
[51] **Int.Cl. E05D 3/00 (2006.01) A47B 96/00 (2006.01) E05D 3/02 (2006.01)**
[25] EN
[54] **HINGE FOR CABINET**
[54] **CHARNIERE D'ARMOIRE**
[72] JEFFRIES, MARK STEVEN, US
[71] AUSTIN HARDWARE & SUPPLY, INC., US
[22] 2017-09-11
[41] 2018-03-12
[30] US (62/393,379) 2016-09-12

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[21] **2,978,931**
[13] A1
[51] **Int.Cl. A63B 69/00 (2006.01) A63B 63/00 (2006.01)**
[25] EN
[54] **MECHANICAL GOALTENDER**
[54] **GARDIEN DE BUT MECANIQUE**
[72] FREEDMAN, MARK, CA
[72] LIEBERMAN, ZACH, CA
[72] XIE, MATTHEW YU SONG, CA
[72] YI, JIAYE (JASON), CA
[72] ZHANG, GUANGYU (PETER), CA
[72] ZHONG, XU HUA (STEVEN), CA
[71] 2464533 ONTARIO LTD DBA CHATAWAY SPORTS TECHNOLO, CA
[22] 2017-09-12
[41] 2018-03-13
[30] CA (2,941,569) 2016-09-13

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[13] A1
[51] **Int.Cl. H04L 12/28 (2006.01) H04L 9/32 (2006.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR GENERATING AND MANAGING DYNAMIC CUSTOMIZED ELECTRONIC TOKENS FOR ELECTRONIC DEVICE INTERACTION**
[54] **SYSTEMES ET METHODES PERMETTANT DE GENERER ET GERER DES JETONS ELECTRONIQUES PERSONNALISES DYNAMIQUES DESTINES A UNE INTERACTION DE DISPOSITIF ELECTRONIQUE**
[72] MORETON, PAUL Y., US
[72] DE GANON, MATTHEW, US
[72] POOLE, THOMAS S., US
[71] CAPITAL ONE SERVICES, LLC, US
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[25] EN
[54] **A CONTROL ALGORITHM FOR AN ELECTRONIC DIMMING BALLAST OF A UV LAMP**
[54] **UN ALGORITHME DE CONTROLE D'UN BALLAST DE GRADATEUR ELECTRONIQUE DESTINE A UNE LAMPE UV**
[72] FIETZEK, REINER, DE
[72] RIEPE, DIRK, DE
[71] XYLEM IP MANAGEMENT S.A.R.L., LU
[22] 2017-09-12
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[30] EP (16188575.1) 2016-09-13

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[25] EN
[54] **DEHYDROGENATION OF LPG OR NGL AND FLEXIBLE UTILIZATION OF THE OLEFINS THUS OBTAINED**
[54] **DESHYDROGENISATION DE GPL OU DE LGN ET UTILISATION FLEXIBLE DES OLEFINES AINSI OBTENUES**
[72] STOCHNIOL, GUIDO, DE
[72] WOLFF, ANDREAS, DE
[72] PEITZ, STEPHAN, DE
[71] EVONIK DEGUSSA GMBH, DE
[22] 2017-09-11
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[51] **Int.Cl. H01M 2/02 (2006.01) H01M 2/08 (2006.01)**
[25] EN
[54] **CLAM SHELL FORM BIOMEDICAL DEVICE BATTERIES**
[54] **BATTERIES DESTINEES A UN APPAREIL BIOMEDICAL EN FORME DE COQUILLAGE**
[72] FLITSCH, FREDERICK, US
[72] MUTHU, MILLBURN EBENEZER JACOB, US
[72] PUGH, RANDALL B., US
[72] TONER, ADAM, US
[72] WEINSTEIN, LAWRENCE, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
[22] 2017-09-12
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[25] EN
[54] **PUMPJACK LOCK**
[54] **VERROU DE CRIC A LEVIER**
[72] YOUNG, PATRICK C., US
[71] YOUNG, PATRICK C., US
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[30] US (62/393,796) 2016-09-13
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[51] **Int.Cl. B02C 1/02 (2006.01) B02C 1/10 (2006.01)**
[25] EN
[54] **JAW CRUSHER SYSTEMS, METHODS, AND APPARATUS**
[54] **SYSTEMES, METHODES ET APPAREILLAGE DE BROYAGE A MACHOIRE**
[72] GRIMM, LAFE, US
[72] NELSON, BRETT, US
[72] SCHULTZ, MICHAEL, US
[71] SUPERIOR INDUSTRIES, INC., US
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[25] EN
[54] **DEBRIDER WITH MULTIPLE FLUSHING ORIFICES**
[54] **DEBRIDEUR A ORIFICES D'EVACUATION MULTIPLES**
[72] GOVARI, ASSAF, IL
[72] EPHRATH, YARON, IL
[72] ALGAWI, YEHUDA, IL
[72] SITNITSKY, ILYA, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
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[51] **Int.Cl. B64D 47/02 (2006.01) F21K 9/00 (2016.01) B64F 5/60 (2017.01) H05B 37/03 (2006.01)**
[25] EN
[54] **EXTERIOR AIRCRAFT LIGHT UNIT AND METHOD OF DISABLING A LIGHT OUTPUT OF AN EXTERIOR AIRCRAFT LIGHT UNIT**
[54] **MODULE D'ECLAIRAGE D'AERONEF EXTERIEUR ET METHODE DE DESACTIVATION DE L'ECLAIRAGE PRODUIT PAR UN MODULE D'ECLAIRAGE D'AERONEF EXTERIEUR**
[72] KLEIN, FRANK, DE
[72] HESSLING-VON HEIMENDAHL, ANDRE, DE
[72] TRINSCHEK, ROBERT, DE
[71] GOODRICH LIGHTING SYSTEMS GMBH, DE
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[25] EN
[54] **SYSTEMS AND METHODS FOR UTILIZING ATHLETE DATA TO INCREASE ATHLETE PERFORMANCE**
[54] **SYSTEMES ET METHODES D'UTILISATION DES DONNEES D'UN ATHLETE EN VUE D'AUGMENTER LA PERFORMANCE DE L'ATHLETE**
[72] IRUKULLA, SUNIL, US
[72] BORODIAK, IVAN, US
[71] ON THE HOP NATION, US
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[30] US (62/394,450) 2016-09-14
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[51] **Int.Cl. F21V 21/30 (2006.01) F21V 21/02 (2006.01) F21V 21/14 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **LIGHTING FIXTURE MOUNTING SYSTEMS**
[54] **MECANISMES D'INSTALLATION D'APPAREIL D'ECLAIRAGE**
[72] HALLIWELL, BRIAN, US
[71] FEIT ELECTRIC COMPANY, INC., US
[22] 2017-09-14
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[54] **ENT TOOL ANTENNA**
[54] **ANTENNE D'OUTIL DE RACCORDEMENT**
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-09-13
[41] 2018-03-14
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[51] **Int.Cl. H02H 3/16 (2006.01) H01H 83/02 (2006.01)**
[25] EN
[54] **POWER CABLE ASSEMBLY HAVING A CIRCUIT PROTECTION DEVICE**
[54] **ASSEMBLAGE DE CABLE D'ALIMENTATION COMPORTANT UN DISPOSITIF DE PROTECTION DE CIRCUIT**
[72] THRUSH, ROGER LEE, US
[72] O'BRIEN, SEAN DELANEY, US
[72] BANAS, THOMAS MICHAEL, US
[71] TE CONNECTIVITY CORPORATION, US
[22] 2017-09-14
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[51] **Int.Cl. A61K 31/59 (2006.01) A61K 31/713 (2006.01) A61K 39/395 (2006.01) A61K 45/06 (2006.01) A61P 19/08 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PREVENTING AND TREATING HETEROTOPIC OSSIFICATION AND PATHOLOGIC CALCIFICATION**
[54] **COMPOSITIONS ET METHODES DE PREVENTION ET DE TRAITEMENT D'OSSIFICATION HETEROTOPIQUE ET DE CALCIFICATION PATHOLOGIQUE**
[72] VERT-WONG, EKATERINA, US
[71] NOSTOPHARMA, LLC, US
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[30] US (62/395,374) 2016-09-15
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[25] EN
[54] **CIRCUIT BREAKER SYSTEM WITH HEATING RADIATOR AND PARTICLE TRAP**
[54] **SYSTEME DE DISJONCTEUR DOTE D'UN RADIATEUR CHAUFFANT ET D'UN PIEGE A PARTICULE**
[72] VLADUCHICK, PAUL, US
[72] CUPPETT, MATT D., US
[72] DAHM, BETH L., US
[72] JOHNSTON, JARED P., US
[71] ABB SCHWEIZ AG, CH
[22] 2017-09-14
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[30] US (15/265,497) 2016-09-14

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[51] **Int.Cl. B25G 3/26 (2006.01) B25G 3/12 (2006.01) B25G 3/28 (2006.01)**
[25] EN
[54] **TOOL COUPLING ARRANGEMENT**
[54] **DISPOSITION DE RACCORD D'OUTIL**
[72] MULLEN, JOSHUA O., US
[71] THE AMES COMPANIES, INC., US
[22] 2017-09-15
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[30] US (15/267,728) 2016-09-16

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[13] A1
[51] **Int.Cl. A61L 2/28 (2006.01)**
[25] EN
[54] **BIOLOGICAL INDICATOR WITH VARIABLE RESISTANCE**
[54] **INDICATEUR BIOLOGIQUE A RESISTANCE VARIABLE**
[72] FANG, YAN, US
[72] ALTMANN, GRIFFITH E., US
[72] AMIN, BEHNAM, US
[72] YARWOOD, JEREMY M., US
[72] MOK, LAWRENCE Y., US
[71] ETHICON, INC., US
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[13] A1
[51] **Int.Cl. B60P 7/08 (2006.01) B60P 3/025 (2006.01)**
[25] EN
[54] **QUICK RELEASE HOOK DEVICE FOR TRAILERS**
[54] **DISPOSITIF DE CROCHET A DEGAGEMENT RAPIDE DESTINE A DES REMORQUES**
[72] BENITEZ, HUMBERTO, US
[72] PARK, YOUNG JAE, US
[72] CONTRERAS, JOEL MALDONADO, US
[71] HYUNDAI TRANSLEAD, US
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[41] 2018-03-16
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[51] **Int.Cl. B07C 1/02 (2006.01) B07C 5/02 (2006.01) B65G 47/34 (2006.01) B65G 47/74 (2006.01) B65G 65/00 (2006.01)**
[25] EN
[54] **CASCADE DE-LAYERING**
[54] **DESEMPILEMENT CASCADE**
[72] DWIVEDI, RAJEEV, US
[72] YAKLIN, MICHAEL, US
[71] SIEMENS INDUSTRY, INC., US
[22] 2017-09-14
[41] 2018-03-16
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[25] EN
[54] **TOOL COUPLING ARRANGEMENT**
[54] **DISPOSITION DE RACCORD D'OUTIL**
[72] MULLEN, JOSHUA O., US
[71] THE AMES COMPANIES, INC., US
[22] 2017-09-15
[41] 2018-03-16
[30] US (15/267,819) 2016-09-16

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[51] **Int.Cl. A43C 15/16 (2006.01) B29D 35/12 (2010.01) A43B 3/16 (2006.01) A43C 15/00 (2006.01) A43C 15/02 (2006.01) A43C 15/06 (2006.01)**
[25] EN
[54] **TRACTION STUDS AND OUTSOLES**
[54] **CRAMPONS DE TRACTION ET SEMELLES**
[72] SMITH, STEVEN A., US
[71] TINGLEY RUBBER CORPORATION, US
[22] 2017-09-15
[41] 2018-03-15
[30] US (62/394,913) 2016-09-15

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[51] **Int.Cl. B60P 1/44 (2006.01)**
[25] EN
[54] **SHIFTABLE ASSEMBLY FOR A PLATFORM WHEELCHAIR LIFT**
[54] **ASSEMBLAGE DECALABLE DESTINE A UN APPAREIL DE LEVAGE DE FAUTEUIL ROULANT A PLATEFORME**
[72] HILDOM, GERALD JAMES, US
[72] CRAWFORD, KEVEN, US
[72] FENTON, SEAN CLINTON, US
[72] FENTON, SCOTT IVAN, US
[71] FENTON MOBILITY PRODUCTS, INC., US
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[41] 2018-03-16
[30] US (62/395,771) 2016-09-16
[30] US (15/491,598) 2017-04-19

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[51] **Int.Cl. G01S 17/93 (2006.01) G06T 7/50 (2017.01) G06F 3/01 (2006.01)**
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[54] **WAYFINDING AND OBSTACLE AVOIDANCE SYSTEM**
[54] **SYSTEME D'ORIENTATION PARTICULIERE ET D'EVITEMENT D'OBSTACLE**
[72] ABERLE, BENJAMIN J., US
[72] FORCUM, MATTHEW E., US
[72] UDELL, CHAD E., US
[72] RICHEY, STEVEN P., US
[72] SAUDER, TRAVIS A., US
[72] MCGETTRICK, SEAMAS J., US
[71] FLOAT, LLC, US
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[41] 2018-03-15
[30] US (62394848) 2016-09-15
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[51] **Int.Cl. H04W 84/18 (2009.01) F21K 9/00 (2016.01) F21V 33/00 (2006.01) H01Q 1/44 (2006.01) F21K 9/27 (2016.01)**
[25] EN
[54] **LED LUMINAIRE ASSEMBLIES WITH BLUETOOTH CAPABILITY**
[54] **ASSEMBLAGES DE LUMINAIRES A DEL A FONCTIONNALITE BLUETOOTH**
[72] MCCANLESS, FORREST STARNES, US
[72] LYDECKER, STEPHEN HAIGHT, US
[72] TRAN, ALBERT, US
[72] MCCANE, STEPHEN BARRY, US
[71] ABL IP HOLDING LLC, US
[22] 2017-09-14
[41] 2018-03-14
[30] US (62/394471) 2016-09-14
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[51] **Int.Cl. C10L 11/04 (2006.01)**
[25] EN
[54] **FIRE STARTER MIXTURE AND METHOD OF FORMING SAME**
[54] **MELANGE D'ALLUME-FEU ET METHODE DE FORMAGE ASSOCIEE**
[72] DAVIDSON, SHAWN, CA
[72] D'SOUZA, ANTHONY J., CA
[71] FUTURE WASTE MANAGEMENT INC., CA
[71] D'SOUZA, ANTHONY J., CA
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[30] CA (2,942,225) 2016-09-16

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[51] **Int.Cl. E04C 3/293 (2006.01) E04B 5/29 (2006.01) E04C 3/07 (2006.01)**
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[54] **STEEL BEAM**
[54] **POUTRE EN ACIER**
[72] PELTONEN, SIMO, FI
[72] NADASKY, PAVEL, FI
[71] PEIKKO GROUP OY, FI
[22] 2017-09-14
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[51] **Int.Cl. G04G 7/00 (2006.01) B61B 1/02 (2006.01)**
[25] FR
[54] **SYNCHRONIZATION PROCESS FOR A SYSTEM BY USE OF A TIME VALIDATION FOR EACH OUTPUT SIGNAL**
[54] **PROCEDE DE SYNCHRONISATION D'UN SYSTEME PAR UTILISATION D'UN TEMPS DE VALIDITE POUR CHAQUE SIGNAL DE SORTIE**
[72] ANTONIO, RAPHAEL, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2017-09-13
[41] 2018-03-15
[30] FR (16 58 637) 2016-09-15

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[13] A1
[51] **Int.Cl. H01L 31/115 (2006.01) G01T 1/29 (2006.01) H04N 5/32 (2006.01)**
[25] EN
[54] **MULTI-SENSOR PIXEL ARCHITECTURE FOR USE IN A DIGITAL IMAGING SYSTEM**
[54] **ARCHITECTURE DE PIXEL MULTICAPTEUR DESTINEE A UN SYSTEME D'IMAGERIE NUMERIQUE**
[72] KARIM, KARIM S., CA
[72] GHANBARZADEH, SINA, CA
[71] KA IMAGING INC., CA
[22] 2017-09-15
[41] 2018-03-15
[30] US (15/266,051) 2016-09-15

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[13] A1
[51] **Int.Cl. B61L 27/04 (2006.01) B61K 13/00 (2006.01) G04G 7/00 (2006.01)**
[25] FR
[54] **SYNCHRONIZATION PROCESS FOR A SYSTEM BY DETERMINATION OF A LOCAL COMMON TIME INTERVAL**
[54] **PROCEDE DE SYNCHRONISATION D'UN SYSTEME PAR DETERMINATION D'UN INTERVALLE DE TEMPS LOCAL COMMUN**
[72] ANTONIO, RAPHAEL, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2017-09-13
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[30] FR (16 58 634) 2016-09-15

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[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01) A61B 5/00 (2006.01) A61B 5/1455 (2006.01) G01J 3/36 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MEASURING TISSUE OXYGENATION**
[54] **SYSTEMES ET METHODE DE MESURE DE L'OXYGENATION DES TISSUS**
[72] DARTY, MARK ANTHONY, US
[72] YUDOVSKY, DMITRY, US
[71] HYPERMED IMAGING, INC., US
[22] 2017-09-14
[41] 2018-03-15
[30] US (15/267,090) 2016-09-15

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[13] A1
[51] **Int.Cl. A23G 3/36 (2006.01) A23L 29/20 (2016.01) A23G 3/50 (2006.01) C12G 3/00 (2006.01)**
[25] EN
[54] **GUMMY CONFECTIONERY COMPOSITION**
[54] **COMPOSITION DE FRIANDISE GOMMEUSE**
[72] GUDJONSON, TEENA MARILYN, CA
[71] CIPO, CA
[71] GUDJONSON, TEENA MARILYN, CA
[22] 2017-09-15
[41] 2018-03-16
[30] US (62/395,650) 2016-09-16

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[13] A1
[51] **Int.Cl. C08F 12/14 (2006.01) B32B 27/08 (2006.01) B32B 27/28 (2006.01) C08J 5/18 (2006.01) C08J 7/04 (2006.01)**
[25] EN
[54] **FLUOROPOLYMERS AND MEMBRANES COMPRISING FLUOROPOLYMERS**
[54] **FLUOROPOLYMERES ET MEMBRANES COMPORTANT DES FLUOROPOLYMERES**
[72] ONYEMAUWA, FRANK OKEZIE, US
[72] AIT-HADDOU, HASSAN, US
[72] LABRECHE, YING, US
[71] PALL CORPORATION, US
[22] 2017-09-15
[41] 2018-03-16
[30] US (15/267,652) 2016-09-16

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) E21B 43/08 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **WELL STEAM INJECTION WITH FLOW CONTROL**
[54] **INJECTION DE VAPEUR DANS UN PUITS A CONTROLE DE FLUX**
[72] STRETCH, MITCHEL, CA
[71] SCHLUMBERGER CANADA LIMITED, CA
[22] 2017-09-15
[41] 2018-03-16
[30] US (62/395,456) 2016-09-16
[30] US (62/395,462) 2016-09-16

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01) F21K 9/232 (2016.01) F21K 9/238 (2016.01) F21K 9/65 (2016.01) F21S 10/02 (2006.01) F21V 23/04 (2006.01)**
[25] EN
[54] **LIGHT EMITTING DIODE (LED) LIGHTING DEVICE OR LAMP WITH CONFIGURABLE LIGHT QUALITIES**
[54] **LAMPE OU DISPOSITIF D'ECLAIRAGE A DIODE ELECTROLUMINESCENTE (DEL) A CARACTERISTIQUES D'ECLAIRAGE CONFIGURABLES**
[72] HALLIWELL, BRIAN, US
[71] FEIT ELECTRIC COMPANY, INC., US
[22] 2017-09-22
[41] 2018-03-15
[30] US (15/274,575) 2016-09-23

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[13] A1
[51] **Int.Cl. E21B 36/04 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **HYDROCARBON RESOURCE HEATING SYSTEM INCLUDING CHOKE FLUID DISPENSER AND RELATED METHODS**
[54] **SYSTEME DE CHAUFFAGE DE RESSOURCE D'HYDROCARBURE COMPORTANT UN DISTRIBUTEUR DE FLUIDE ETRANGLEUR ET METHODES ASSOCIEES**
[72] TRAUTMAN, MARK, US
[72] HIBNER, VERLIN, US
[72] HANN, MURRAY, US
[72] WRIGHT, BRIAN, US
[71] HARRIS CORPORATION, US
[22] 2017-10-26
[41] 2018-03-16
[30] US (15/383,057) 2016-12-19

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[13] A1
[51] **Int.Cl. B62D 63/06 (2006.01) B60S 9/16 (2006.01) B62D 53/00 (2006.01)**
[25] EN
[54] **TRAILER DOLLY**
[54] **CHARIOT REMORQUE**
[72] LUSTY, ROBERT H., US
[72] OBERG, JAMES D., US
[71] BAC INDUSTRIES, INC., US
[22] 2017-12-28
[41] 2018-03-12
[30] US (15/404,364) 2017-01-12

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[13] A1
[51] **Int.Cl. H01M 8/247 (2016.01)**
[25] EN
[54] **FUEL CELL STACKS WITH IMPROVED COMPONENT ALIGNMENT AND STABILIZATION**
[54] **EMPILEMENTS DE PILE A COMBUSTIBLE A ALIGNEMENT ET STABILISATION DE COMPOSANTE AMELIOREE**
[72] FARRINGTON, SIMON, CA
[72] KENG, LEON, CA
[71] DAIMLER AG, DE
[71] FORD MOTOR COMPANY, US
[22] 2017-12-28
[41] 2018-03-12
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PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

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[51] **Int.Cl. C12N 15/864 (2006.01) A61K 48/00 (2006.01) A61P 3/00 (2006.01) A61P 25/28 (2006.01) C12N 15/12 (2006.01) C12N 15/35 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **VIRAL GENE THERAPY AS TREATMENT FOR CHOLESTEROL STORAGE DISEASE OR DISORDER**
[54] **THERAPIE GENIQUE VIRALE A UTILISER EN TANT QUE TRAITEMENT POUR UNE MALADIE OU UN TROUBLE ASSOCIE AU STOCKAGE DU CHOLESTEROL**
[72] VENDITTI, CHARLES P., US
[72] PAVAN, WILLIAM J., US
[72] CHANDLER, RANDY, US
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[25] EN
[54] **POLYMETHINE COMPOUNDS WITH LONG STOKES SHIFTS AND THEIR USE AS FLUORESCENT LABELS**
[54] **COMPOSES DE POLYMETHINE A LONGS DEPLACEMENTS DE STOKES ET LEUR UTILISATION EN TANT QUE MARQUEURS FLUORESCENTS**
[72] ROMANOV, NIKOLAI, GB
[72] WU, XIAOLIN, GB
[71] ILLUMINA CAMBRIDGE LTD, GB
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[25] EN
[54] **CUTTER FOR ELECTRODE GRAPHITE AND FACE MILLING CUTTER FOR MACHINING OXIDE CERAMICS**
[54] **LAME DESTINEE AU GRAPHITE D'ELECTRODE ET FRAISE DE FACE DESTINEES A L'USINAGE DE CERAMIQUES D'OXYDE**
[72] HUFSCHMIED, RALPH, DE
[71] HUFSCHMIED ZERSPANUNGSSYSTEME GMBH, DE
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[51] **Int.Cl. C01G 43/01 (2006.01) B01J 19/24 (2006.01)**
[25] EN
[54] **APPARATUS AND PROCESS FOR THERMAL DENITRATION, USE OF SUCH AN APPARATUS AND PRODUCT OBTAINED BY MEANS OF SUCH A PROCESS**
[54] **INSTALLATION, PROCEDE DE DENITRATION THERMIQUE, UTILISATION D'UNE TELLE INSTALLATION ET PRODUIT OBTENU PAR UN TEL PROCEDE**
[72] JOURDAN, ALEX, FR
[72] DUPOIZAT, MARC, FR
[71] AREVA NC, FR
[85] 2017-12-05
[86] 2016-06-10 (PCT/EP2016/063377)
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[25] EN
[54] **METHODS FOR IMPROVING THE ADSORPTION OF POLYSACCHARIDE-PROTEIN CONJUGATES AND MULTIVALENT VACCINE FORMULATION OBTAINED THEREOF**
[54] **PROCEDE D'AMELIORATION DE L'ADSORPTION DE CONJUGUES POLYSACCHARIDE-PROTEINE ET FORMULATION DE VACCIN MULTIVALENT OBTENUE PAR CELUI-CI**
[72] DHERE, RAJEEV MHALASAKANT, IN
[72] MALVIYA, HITESH KUMAR, IN
[72] JANA, SWAPAN KUMAR, IN
[72] PISAL, SAMBHAJI SHANKAR, IN
[72] MALLYA, ASHA DINESH, IN
[72] MAHOR, SUNIL, IN
[72] GAUTAM, MANISH MAHESHKUMAR, IN
[72] JOSHI, CHETAN VILAS, IN
[72] MALEPATI, VENKATA VAMSI KRISHNA, IN
[72] JADHAV, PRASHANT SHIVAJI, IN
[71] SERUM INSTITUTE OF INDIA PRIVATE LTD., IN
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[25] EN
[54] **CONJUGATES OF CYSTEINE ENGINEERED ANTIBODIES**
[54] **CONJUGUES D'ANTICORPS A CYSTEINE MODIFIEE**
[72] YODER, NICHOLAS C., US
[72] BAI, CHEN, US
[72] MILLER, MICHAEL LOUIS, US
[71] IMMUNOGEN, INC., US
[85] 2017-12-07
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[25] EN
[54] **METHOD OF TREATMENT OF NEUROENDOCRINE TUMORS THAT OVER-EXPRESS SOMATOSTATATIN RECEPTORS**
[54] **METHODE DE TRAITEMENT DE TUMEURS NEUROENDOCRINES QUI SUREXPRIMENT LES RECEPTEURS DE LA SOMATOSTATATINE**
[72] BUONO, STEFANO, US
[72] SIERRA, MARIBEL LOPERA, US
[71] ADVANCED ACCELERATOR APPLICATIONS, FR
[85] 2017-12-12
[86] 2016-06-24 (PCT/IB2016/001089)
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[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING PRESSURIZED INFUSION AND INCREASING OPERATING ROOM EFFICIENCY**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UNE PERFUSION SOUS PRESSION ET AUGMENTER L'EFFICACITE D'UNE SALLE D'OPERATION**
[72] EDDO, COLLIN, US
[72] HUNTER, TIMOTHY L., US
[71] ABBOTT MEDICAL OPTICS INC., US
[85] 2017-12-12
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[25] EN
[54] **SINGLE-STRANDED OLIGONUCLEOTIDES FOR USE IN THE MEDICAL TREATMENT OF SKIN DISORDERS**
[54] **OLIGONUCLEOTIDES SIMPLE BRIN DESTINES A UNE UTILISATION DANS LE TRAITEMENT MEDICAL D'AFFECTIONS DE LA PEAU**
[72] SPETZ HOLMGREN, ANNA-LENA, SE
[72] JARVER, PETER, SE
[72] SKOLD, ANNETTE, SE
[71] SPETZ HOLMGREN, ANNA-LENA, SE
[71] JARVER, PETER, SE
[71] SKOLD, ANNETTE, SE
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[25] EN
[54] **COMPOSITION CONTAINING VEGETABLE OIL, CARAMEL AND PHENOLIC COMPOUNDS**
[54] **COMPOSITION CONTENANT DE L'HUILE VEGETALE, DU CARAMEL ET DES COMPOSES PHENOLIQUES**
[72] ACHARYA, PARAG, NL
[72] BIALEK, JADWIGA MALGORZATA, NL
[72] VAN DEN BROEK, JOHANNES HENDRIKUS MARIA, NL
[72] JANSEN, FRANCISCUS JOHANNES HENRICUS MARIA, NL
[71] UNILEVER PLC, GB
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[25] EN
[54] **METHOD OF INDUCING SATIETY**
[54] **METHODE D'INDUCTION DE LA SATIETE**
[72] VETTER, DIRK, DE
[71] PERORA GMBH, DE
[85] 2017-12-14
[86] 2016-07-07 (PCT/EP2016/066218)
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[30] EP (15175571.7) 2015-07-07
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[25] EN
[54] **EDIBLE COMPOSITION COMPRISING A POLYSACCHARIDE AND A LIPID**
[54] **COMPOSITION COMESTIBLE COMPRENANT UN POLYSACCHARIDE ET UN LIPIDE**
[72] VETTER, DIRK, DE
[71] PERORA GMBH, DE
[85] 2017-12-14
[86] 2016-07-07 (PCT/EP2016/066220)
[87] (WO2017/005892)
[30] EP (15175571.7) 2015-07-07
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[25] EN
[54] **COMPOSITION COMPRISING SATIETY-INDUCING PARTICLES**
[54] **COMPOSITION COMPRENANT DES PARTICULES INDUISANT UNE SATIETE**
[72] VETTER, DIRK, DE
[71] PERORA GMBH, DE
[85] 2017-12-14
[86] 2016-07-07 (PCT/EP2016/066214)
[87] (WO2017/005887)
[30] EP (15175571.7) 2015-07-07
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[25] EN
[54] **PD-1-CD28 FUSION PROTEINS AND THEIR USE IN MEDICINE**
[54] **PROTEINES DE FUSION PD-1-CD28 ET LEUR UTILISATION EN MEDECINE**
[72] KOBOLD, SEBASTIAN, DE
[72] ENDRES, STEFAN, DE
[71] KOBOLD, SEBASTIAN, DE
[71] ENDRES, STEFAN, DE
[85] 2017-12-18
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[25] EN
[54] **ANTIBODY DRUG CONJUGATES (ADCS) AND ANTIBODY PRODRUG CONJUGATES (APDCS) WITH ENZYMATICALLY CLEAVABLE GROUPS**
[54] **CONJUGUES ANTICORPS-MEDICAMENT (ADC) ET CONJUGUES LIEUR-PROMEDICAMENT (APDC) A GROUPES ENZYMATIQUEMENT CLIVABLES**
[72] LERCHEN, HANS-GEORG, DE
[72] REBSTOCK, ANNE-SOPHIE, DE
[72] CANCHO GRANDE, YOLANDA, DE
[72] MARX, LEO, DE
[72] STELTE-LUDWIG, BEATRIX, DE
[72] TERJUNG, CARSTEN, DE
[72] MAHLERT, CHRISTOPH, DE
[72] GREVEN, SIMONE, DE
[72] SOMMER, ANETTE, DE
[72] BERNDT, SANDRA, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-12-19
[86] 2016-06-20 (PCT/EP2016/064118)
[87] (WO2016/207089)
[30] EP (15173102.3) 2015-06-22
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[25] EN
[54] **ANTIBODY DRUG CONJUGATES OF KINESIN SPINDEL PROTEIN (KSP) INHIBITORS WITH ANTI-TWEAKR-ANTIBODIES**
[54] **CONJUGUES ANTICORPS-PRINCIPE ACTIF (ADC) D'INHIBITEURS DE KSP AVEC DES ANTICORPS ANTI-TWEAKR**
[72] LERCHEN, HANS-GEORG, DE
[72] REBSTOCK, ANNE-SOPHIE, FR
[72] CANCHO-GRANDE, YOLANDA, DE
[72] WITTROCK, SVEN, DE
[72] STELTE-LUDWIG, BEATRIX, DE
[72] MARSCH, STEPHAN, DE
[72] GRITZAN, UWE, DE
[72] MAHLERT, CHRISTOPH, DE
[72] GREVEN, SIMONE, DE
[72] SOMMER, ANETTE, DE
[72] BERNDT, SANDRA, DE
[72] DIETZ, LISA, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-12-20
[86] 2016-06-20 (PCT/EP2016/064128)
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[25] EN
[54] **ANTIBODY DRUG CONJUGATES OF KINESIN SPINDEL PROTEIN (KSP) INHIBITORS WITH ANTI-CD123-ANTIBODIES**
[54] **CONJUGUES ANTICORPS-PRINCIPE ACTIF (ADC) D'INHIBITEURS DE KSP AVEC DES ANTICORPS ANTI-CD123**
[72] LERCHEN, HANS-GEORG, DE
[72] REBSTOCK, ANNE-SOPHIE, FR
[72] CANCHO-GRANDE, YOLANDA, DE
[72] WITTROCK, SVEN, DE
[72] STELTE-LUDWIG, BEATRIX, DE
[72] MAHLERT, CHRISTOPH, DE
[72] GREVEN, SIMONE, DE
[72] MARSCH, STEPHAN, DE
[72] KIRCHHOFF, DENNIS, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-12-20
[86] 2016-06-20 (PCT/EP2016/064133)
[87] (WO2016/207098)
[30] EP (15173479.5) 2015-06-23

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[25] EN
[54] **ANTIBODY DRUG CONJUGATES OF KINESIN SPINDEL PROTEIN (KSP) INHIBITORS WITH ANTI-B7H3-ANTIBODIES**
[54] **CONJUGUES ANTICORPS-PRINCIPE ACTIF (ADC) D'INHIBITEURS DE KSP AVEC DES ANTICORPS ANTI-B7H3**
[72] LERCHEN, HANS-GEORG, DE
[72] REBSTOCK, ANNE-SOPHIE, FR
[72] CANCHO GRANDE, YOLANDA, DE
[72] WITTROCK, SVEN, DE
[72] GRITZAN, UWE, DE
[72] PAZ, PEDRO, US
[72] FISCHER, MELANIE, DE
[72] FRANZ, JUERGEN, DE
[72] GLUCK, JULIAN MARIUS, DE
[72] MARSCH, STEPHAN, DE
[72] STELTE-LUDWIG, BEATRIX, DE
[72] MAHLERT, CHRISTOPH, DE
[72] WEBER, ERNST, DE
[72] GREVEN, SIMONE, DE
[72] BERNDT, SANDRA, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2017-12-20
[86] 2016-06-20 (PCT/EP2016/064155)
[87] (WO2016/207103)
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[25] EN
[54] **PROPELLING CHARGE SYSTEM FOR ARTILLERY SHELLS**
[54] **SYSTEME DE CHARGE DE PROPULSION DESTINE A DES OBUS D'ARTILLERIE**
[72] ZOSS, PETER, CH
[72] ANTENEN, DOMINIK, CH
[72] SCHAEDELI, ULRICH, CH
[71] NITROCHEMIE WIMMIS AG, CH
[85] 2017-12-27
[86] 2015-07-03 (PCT/CH2015/000097)
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[51] **Int.Cl. A61F 2/02 (2006.01) A61F 2/00 (2006.01) A61F 2/08 (2006.01) A61L 27/40 (2006.01) A61L 27/50 (2006.01)**
[25] EN
[54] **SKIRTED TISSUE REPAIR IMPLANT HAVING POSITION INDICATION FEATURE**
[54] **IMPLANT DE REPARATION DE TISSU A JUPE AYANT UN ELEMENT D'INDICATION DE POSITION**
[72] JACINTO, GABRIEL R., US
[71] ETHICON, INC., US
[85] 2017-12-28
[86] 2016-05-26 (PCT/US2016/034226)
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[30] US (14/753,282) 2015-06-29

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[25] EN
[54] **COCOA EXTRACTS, COCOA PRODUCTS AND METHODS OF MANUFACTURING THE SAME**
[54] **EXTRAITS DE CACAO, PRODUITS A BASE DE CACAO ET LEURS PROCEDES DE FABRICATION**
[72] HUHN, TILO, CH
[71] ODC LIZENZ AG, CH
[85] 2018-01-05
[86] 2016-07-08 (PCT/EP2016/001180)
[87] (WO2017/005372)
[30] EP (15002047.7) 2015-07-08

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[51] **Int.Cl. B01J 8/02 (2006.01) C01B 3/02 (2006.01) C01B 3/12 (2006.01) C01B 3/34 (2006.01)**
[25] EN
[54] **CHEMICAL LOOPING**
[54] **BOUCLE CHIMIQUE**
[72] METCALFE, IAN, GB
[71] UNIVERSITY OF NEWCASTLE UPON TYNE, GB
[85] 2018-01-05
[86] 2016-07-07 (PCT/GB2016/052044)
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[30] GB (1511855.7) 2015-07-07

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[51] **Int.Cl. C12N 5/077 (2010.01) C12N 5/0775 (2010.01) C12Q 1/02 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHOD FOR OBTAINING HUMAN BROWN/BEIGE ADIPOCYTES**
[54] **PROCEDE PERMETTANT D'OBTENIR DES ADIPOCYTES HUMAINS BRUNS/BEIGES**
[72] DESCHASEAUX, FREDERIC, FR
[72] GUILLOTON, FABIEN, FR
[72] MULLER, SANDRA, FR
[72] SENSEBE, LUC, FR
[72] CASTEILLA, LOUIS, FR
[72] CARRIERE-PAZAT, AUDREY, FR
[71] ETABLISSEMENT FRANCAIS DU SANG, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] UNIVERSITE TOULOUSE III - PAUL SABATIER, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[85] 2018-01-04
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[51] **Int.Cl. A61F 2/30 (2006.01) A61F 2/38 (2006.01) A61L 27/56 (2006.01)**
[25] EN
[54] **SLEEVE AUGMENT DEVICE FOR AN ARTICULATED JOINT**
[54] **DISPOSITIF D'AUGMENTATION DE MANCHON POUR UNE ARTICULATION**
[72] BAUER, ECKHARD, DE
[72] LINK, HELMUT D., DE
[71] WALDEMAR LINK GMBH & CO. KG, DE
[85] 2018-01-05
[86] 2016-06-24 (PCT/EP2016/064720)
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[30] EP (15176121.0) 2015-07-09

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[51] **Int.Cl. C07D 495/04 (2006.01) A61K 31/519 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **MONOCYCLIC, THIENO, PYRIDO, AND PYRROLO PYRIMIDINE COMPOUNDS AND METHODS OF USE AND MANUFACTURE OF THE SAME**
[54] **COMPOSES DE PYRIMIDINES MONOCYCLIQUES, THIENOPYRIMIDINES, PYRIDOPYRIMIDINES, ET PYRROLOPYRIMIDINES, LEURS PROCEDES D'UTILISATION ET DE FABRICATION**
[72] GANGJEE, ALEEM, US
[71] DUQUESNE UNIVERSITY OF THE HOLY SPIRIT, US
[85] 2018-02-15
[86] 2016-08-17 (PCT/US2016/047294)
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[30] US (62/205,907) 2015-08-17

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[25] EN
[54] **AIR AND WATER BARRIER ARTICLE WITH POROUS LAYER AND LINER**
[54] **ARTICLE FORMANT BARRIERE A L'AIR ET A L'EAU AVEC UNE COUCHE POREUSE ET UNE GAINE**
[72] WIDENBRANT, MARTIN J., US
[72] SEABAUGH, TAYLOR M., US
[72] FRONEK, DANIEL R., US
[72] BODKHE, RAJAN B., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[25] EN
[54] **SCENT EXTENDED ANIMAL-REPELLING SYNTHETIC RESIN COMPOSITION**
[54] **COMPOSITION DE RESINE SYNTHETIQUE, AU PARFUM PROLONGE, DESTINEE A REPOUSSER LES ANIMAUX**
[72] DUSSICH, JAMES A., US
[72] DUSSICH, JOSEPH A., JR., US
[71] MINT-X LLC, US
[85] 2018-02-19
[86] 2016-08-22 (PCT/US2016/048012)
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[54] **GARDENIA EXTRACT FOR COLOURING THE SKIN**
[54] **EXTRAIT DE GARDENIA DANS LA COLORATION DE LA PEAU**
[72] DUPLAN, HELENE, FR
[72] FIORINI-PUYBARET, CHRISTEL, FR
[72] JACQUES-JAMIN, CARINE, FR
[72] JOULIA, PHILIPPE, FR
[72] SUBRA, LAURENT, FR
[71] PIERRE FABRE MEDICAMENT, FR
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[54] **METHOD FOR TREATING CANCER**
[54] **METHODE DE TRAITEMENT DU CANCER**
[72] KEILHACK, HEIKE, US
[72] KNUTSON, SARAH K., US
[71] EPIZYME, INC., US
[85] 2018-02-22
[86] 2016-08-24 (PCT/US2016/048401)
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[25] EN
[54] **DISTRIBUTING REMOTE DEVICE MANAGEMENT ATTRIBUTES TO SERVICE NODES FOR SERVICE RULE PROCESSING**
[54] **DISTRIBUTION D'ATTRIBUTS DE GESTION DES PERIPHERIQUES DISTANTS A DES N□UDS DE SERVICE POUR LE TRAITEMENT DE REGLES DE SERVICE**
[72] JAIN, JAYANT, US
[72] SENGUPTA, ANIRBAN, US
[72] NIMMAGADDA, SRINIVAS, US
[72] TIAGI, ALOK S., US
[72] KUMAR, KAUSUM, US
[71] NICIRA, INC., US
[85] 2018-02-22
[86] 2016-08-26 (PCT/US2016/049109)
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[25] EN
[54] **REGIMENS FOR TREATING AND PREVENTING LYSOSOMAL DISORDERS AND DEGENERATIVE DISORDERS OF THE CENTRAL NERVOUS SYSTEM**
[54] **SCHEMAS POSOLOGIQUES COMPRENANT (3R, 4R, 5S)-5-(DIFLUOROMETHYL)PIPERIDINE-3,4-DIOL POUR LE TRAITEMENT ET LA PREVENTION DE TROUBLES LYSOSOMIAUX ET DE TROUBLES DEGENERATIFS DU SYSTEME NERVEUX CENTRAL**
[72] CLARK, SEAN, US
[71] AMICUS THERAPEUTICS, INC., US
[85] 2018-02-22
[86] 2016-08-31 (PCT/US2016/049614)
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[25] EN
[54] **TRACK ASSEMBLY FOR POWER MACHINE**
[54] **ENSEMBLE A CHENILLES POUR MACHINE A MOTEUR**
[72] ROSKE, CRAIG R., US
[72] LACOE, SCOTT J., US
[71] CLARK EQUIPMENT COMPANY, US
[85] 2018-02-22
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[25] EN
[54] **FIN-STABILIZED SUB-CALIBER PROJECTILE THAT CAN BE FIRED FROM A RIFLED BARREL, AND METHOD FOR THE PRODUCTION THEREOF**
[54] **PROJECTILE DE SOUS-CALIBRE A AILETTE STABILISEE QUI PEUT ETRE TIRE D'UN CANON RAYE ET METHODE DE PRODUCTION ASSOCIEE**
[72] BUCHER, RUEDI, CH
[71] RWM SCHWEIZ AG, CH
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[25] FR
[54] **GRIDDED ION THRUSTER WITH INTEGRATED SOLID PROPELLANT**
[54] **PROPULSEUR IONIQUE A GRILLE AVEC AGENT PROPULSIF SOLIDE INTEGRE**
[72] RAFALSKYI, DMYTRO, FR
[72] AANESLAND, ANE, FR
[71] ECOLE POLYTECHNIQUE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **IMPROVED KNITTING NEEDLE AND METHOD FOR PRODUCING A CIRCULAR KNITTING NEEDLE**
[54] **AIGUILLE A TRICOTER AMELIOREE ET PROCEDE POUR FABRIQUER UNE AIGUILLE A TRICOTER CIRCULAIRE**
[72] PAPENFUSS, ANDREAS, DE
[71] WILLIAM PRYM GMBH & CO. KG, DE
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[25] EN
[54] **BLISTER PACKAGING**
[54] **EMBALLAGE ALVEOLAIRE**
[72] STANGE, OLAF, DE
[72] HOHL, JOHANNES-WALTER, DE
[72] DIEDERICH, REINER, DE
[72] DRODER, KLAUS, DE
[72] HERRMANN, CHRISTOPH, DE
[72] DIETRICH, FRANZ, DE
[72] BLUMENTHAL, PHILIPP, DE
[72] STUHM, KAI, DE
[72] BOBKA, PAUL, DE
[72] SCHMIDT, CHRISTOPHER, DE
[72] THIEDE, SEBASTIAN, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
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[25] EN
[54] **METHOD AND SYSTEM FOR PACKAGING AND PREPARING A PROSTHETIC HEART VALVE AND ASSOCIATED DELIVERY SYSTEM**
[54] **PROCEDE ET SYSTEME DE CONDITIONNEMENT ET DE PREPARATION D'UNE VALVE CARDIAQUE PROTHETIQUE ET SYSTEME DE DISTRIBUTION ASSOCIE**
[72] RAJPARA, VIPUL P., US
[72] PATEL, DARSHIN S., US
[72] BIALAS, MICHAEL R., US
[72] LOWRY, BRIAN R., US
[72] HUNTON, RUSS, US
[72] CHANG, ARVIN T., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[25] EN
[54] **POLYMERS WITH IMPROVED ESCR FOR BLOW MOLDING APPLICATIONS**
[54] **POLYMERES A RESISTANCE AMELIOREE AUX FISSURES DE CONTRAINTE EN MILIEU SOLVANT (ESCR) POUR APPLICATIONS DE MOULAGE PAR SOUFFLAGE**
[72] GRECO, JEFFREY F., US
[72] YANG, QING, US
[72] ROHATI, VIVEK, US
[72] HLAVINKA, MARK L., US
[72] ASKEW, JIM B., US
[71] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
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[25] EN
[54] **METHOD AND DEVICE FOR DETERMINING A SUBSTANCE CONCENTRATION OR A SUBSTANCE IN A LIQUID MEDIUM**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION D'UNE CONCENTRATION DE SUBSTANCE OU D'UNE SUBSTANCE DANS UN MILIEU LIQUIDE**
[72] WAGNER, HEINZ, CH
[71] SWAN ANALYTISCHE INSTRUMENTE AG, CH
[85] 2018-02-22
[86] 2016-07-06 (PCT/EP2016/065900)
[87] (WO2017/032497)
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[25] EN
[54] **LOCKING INTERMEDIATE LINK FOR A TOOL ARM ASSEMBLY**
[54] **MAILLON INTERMEDIAIRE DE VERROUILLAGE POUR ENSEMBLE BRAS D'OUTIL**
[72] AELKER, PATRICIA A., US
[72] BARNES, GAVIN A., US
[72] BRADY, ROBERT O., US
[72] HOLMEN, ERIK A., US
[72] MACFARLANE, STEVEN D., US
[72] MAXWELL, KEITH E., US
[72] NICHOLS, JEFFREYS R., US
[71] LOCKHEED MARTIN CORPORATION, US
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[51] **Int.Cl. C04B 28/02 (2006.01) C04B 20/10 (2006.01) C04B 28/14 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A SURFACE-TREATED PARTICULATE INORGANIC MATERIAL**
[54] **PROCEDE DE FABRICATION D'UN MATERIAU INORGANIQUE SOUS FORME DE PARTICULES TRAITEES EN SURFACE**
[72] PILZ, MONIKA, NO
[72] SIVAKANESAR, LUXSACUMAR, NO
[72] MANNLE, FERDINAND, NO
[71] SINTEF TTO AS, NO
[85] 2018-02-22
[86] 2016-08-26 (PCT/EP2016/070222)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR INHIBITING AND TREATING NEUROLOGICAL CONDITIONS**
[54] **METHODES ET COMPOSITIONS DESTINEES A INHIBER ET A TRAITER DES ETATS NEUROLOGIQUES**
[72] HATCHWELL, ELI, GB
[72] EIS, PEGGY, US
[71] POPULATION BIO INC., US
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[86] 2015-09-04 (PCT/US2015/000093)
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[25] EN
[54] **OPTIMIZED SHORT MESSAGE TRANSPORT**
[54] **TRANSPORT OPTIMISE DE MESSAGES COURTS**
[72] BUCKLEY, ADRIAN, US
[72] BAKKER, JAN HENDRIK LUCAS, US
[72] RUSSELL, NICHOLAS JAMES, GB
[71] BLACKBERRY LIMITED, CA
[85] 2018-02-23
[86] 2016-08-19 (PCT/EP2016/069692)
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[30] US (14/834,216) 2015-08-24

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[51] **Int.Cl. A61B 17/11 (2006.01) A61M 25/10 (2013.01)**
[25] EN
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[54] **DISPOSITIF D'AIDE A UNE ANASTOMOSE MICROVASCULAIRE ARTERIELLE**
[72] PLOTT, JEFFREY STEPHEN, US
[72] CEDERNA, PAUL S., US
[72] BOELKINS, KIRSTEN, US
[72] KOZLOW, JEFFREY H., US
[72] ZWIER, JONATHAN WILLIAM, US
[72] MAHAJAN, KRISHNA, US
[72] LUIBRAND, KELSEY L., US
[72] SISOLAK, MARTIN, US
[72] KWON, SEBASTIAN, US
[72] FARBERG, AARON S., US
[72] MOMOH, ADEYIZA, US
[72] SHIH, ALBERT J., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[30] US (62/214,615) 2015-09-04

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[51] **Int.Cl. G01N 21/90 (2006.01) G01N 21/27 (2006.01) G01N 21/31 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PERFORMING A LIGHT-ABSORPTION MEASUREMENT ON A TEST SAMPLE AND A COMPLIANCE MEASUREMENT ON A REFERENCE SAMPLE**
[54] **APPAREIL ET PROCEDE POUR LA REALISATION D'UNE MESURE D'ABSORPTION DE LUMIERE SUR UN ECHANTILLON D'ESSAI ET D'UNE MESURE DE CONFORMITE SUR UN ECHANTILLON DE REFERENCE**
[72] POL, TOMASZ, US
[72] KUO, CHUNG-HUNG, US
[72] MARKS, WILLIAM ALAN, US
[71] METTLER-TOLEDO GMBH, CH
[85] 2018-02-23
[86] 2016-08-19 (PCT/EP2016/069709)
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[30] US (14/840,516) 2015-08-31

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[25] EN
[54] **SPECTROGRAPH**
[54] **SPECTROGRAPHE**
[72] KUO, CHUN-HUNG, US
[72] KOVICH, ROBERT, US
[72] POL, TOMASZ, US
[72] CREVATIN, MARIO, CH
[71] METTLER-TOLEDO GMBH, CH
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[86] 2016-06-14 (PCT/EP2016/063606)
[87] (WO2017/036622)
[30] US (14/840,537) 2015-08-31

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[51] **Int.Cl. C07K 14/62 (2006.01) A61K 38/28 (2006.01)**
[25] EN
[54] **NOVEL INSULIN DERIVATIVES AND THE MEDICAL USES HEREOF**
[54] **NOUVEAUX DERIVES D'INSULINE ET LEURS UTILISATIONS MEDICALES**
[72] MADSEN, PETER, DK
[72] MURRAY, ANTHONY, DK
[72] MUNZEL, MARTIN, DK
[72] HJORRINGGAARD, CLAUDIA ULRICH, DK
[72] HOSTRUP, SUSANNE, DK
[72] GLENDORF, TINE, DK
[72] NORRMAN, MATHIAS, DK
[72] FLEDELIUS, CHRISTIAN, DK
[71] NOVO NORDISK A/S, DK
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[30] EP (15182282.2) 2015-08-25

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[51] **Int.Cl. G06Q 10/00 (2012.01)**
[25] EN
[54] **MAINTENANCE OF A TRANSPORTATION FACILITY WITHIN A BUILDING USING A MOBILE DEVICE**
[54] **ENTRETIEN D'UN EQUIPEMENT DE TRANSPORT DANS UN BATIMENT A L'AIDE D'UN DISPOSITIF MOBILE**
[72] WINZ, ROLF, CH
[72] DE PIANO, DOMENICO, CH
[71] INVENTIO AG, CH
[85] 2018-02-23
[86] 2016-09-02 (PCT/EP2016/070731)
[87] (WO2017/037240)
[30] EP (15183575.8) 2015-09-02

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[51] **Int.Cl. A61K 47/10 (2017.01) A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 31/7034 (2006.01)**
[25] EN
[54] **LIQUID PHARMACEUTICAL COMPOSITIONS COMPRISING SGLT-2 INHIBITORS**
[54] **COMPOSITIONS PHARMACEUTIQUES LIQUIDES COMPRENANT DES INHIBITEURS DE SGLT-2**
[72] WEILER, CLAUDIUS, DE
[72] DUCH, THOMAS ADAM, DE
[72] HAASE, MARBOD, DE
[72] PRIDDY, TIMOTHY SHANE, DE
[72] STETTLER, HEIKE, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
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[13] A1
[51] **Int.Cl. B66B 5/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR MONITORING A MAINTENANCE MODE OF AN ELEVATOR INSTALLATION**
[54] **DISPOSITIF ET PROCEDE DE SURVEILLANCE D'UN MODE DE MAINTENANCE D'UNE INSTALLATION D'ASCENSEUR**
[72] WALKER, MARKUS, CH
[71] INVENTIO AG, CH
[85] 2018-02-23
[86] 2016-09-09 (PCT/EP2016/071245)
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[30] EP (15184820.7) 2015-09-11

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[51] **Int.Cl. H01L 29/778 (2006.01) G01N 27/414 (2006.01) H01L 21/336 (2006.01) H01L 29/16 (2006.01) H01L 31/028 (2006.01) H01L 31/0352 (2006.01) H01L 31/113 (2006.01)**
[25] EN
[54] **A METHOD FOR FORMING APPARATUS COMPRISING TWO DIMENSIONAL MATERIAL**
[54] **PROCEDE DE FORMATION D'APPAREIL COMPRENANT UN MATERIAU EN DEUX DIMENSIONS**
[72] ROBINSON, ADAM, GB
[72] COTTON, DARRYL, GB
[72] BESSONOV, ALEXANDER, GB
[72] WHITE, RICHARD, GB
[72] LIU, YINGLIN, GB
[71] EMBERION OY, FI
[85] 2018-02-23
[86] 2016-08-25 (PCT/EP2016/070124)
[87] (WO2017/032850)
[30] EP (15182390.3) 2015-08-25

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[51] **Int.Cl. D03D 47/12 (2006.01) D03D 47/34 (2006.01) D03D 47/38 (2006.01)**
[25] EN
[54] **WEAVING MACHINE WITH AN APPARATUS AS WELL AS METHOD FOR HOLDING, FEEDING AND INSERTING WEFT THREADS IN A LOOM SHED**
[54] **METIER A TISSER PRESENTANT UN DISPOSITIF AINSI QU'UN PROCEDE DE MAINTIEN, D'AMENEE ET D'INSERTION DE FILS DE TRAME DANS UNE FOULE**
[72] GIELEN, MARKUS, DE
[71] LINDAUER DORNIER GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE
[85] 2018-02-23
[86] 2016-08-29 (PCT/EP2016/070280)
[87] (WO2017/042039)
[30] DE (10 2015 217 356.9) 2015-09-10

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[51] **Int.Cl. C12N 7/00 (2006.01) A61K 35/76 (2015.01) A61K 38/16 (2006.01) C07K 14/085 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **NEPOVIRUS COAT PROTEIN FUSION POLYPEPTIDES AND THEIR USE**
[54] **POLYPEPTIDES DE FUSION DE LA PROTEINE DU MANTEAU DU NEPOVIRUS ET LEUR UTILISATION**
[72] BELVAL, LORENE, FR
[72] DEMANGEAT, GERARD, FR
[72] HEMMER, CAROLINE, FR
[72] RITZENTHALER, CHRISTOPHE, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
[71] UNIVERSITE DE STRASBOURG, FR
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[54] **USE OF INDOLE COMPOUNDS TO STIMULATE THE IMMUNE SYSTEM**
[54] **UTILISATION DE COMPOSES A BASE D'INDOLE POUR STIMULER LE SYSTEME IMMUNITAIRE**
[72] THIEZE, JACQUES, FR
[72] TAMARIT, BLANCHE, FR
[71] DIACCURATE, FR
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[54] **PRE-TREATING ALUMINUM SURFACES WITH ZIRCONIUM- AND MOLYBDENUM-CONTAINING COMPOSITIONS**
[54] **PRETRAITEMENT DE SURFACES EN ALUMINIUM AVEC DES COMPOSITIONS CONTENANT DU ZIRCON ET DU MOLYBDENE**
[72] MAURUS, NORBERT, DE
[72] WENDEL, THOMAS, DE
[72] KHELFALLAH, NAWEL SOUAD DR., DE
[71] CHEMETALL GMBH, DE
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[54] **LIQUID DELIVERY METHOD FOR COOLED RF SYSTEM**
[54] **PROCEDE DE DISTRIBUTION DE LIQUIDE POUR SYSTEME RF REFROIDI**
[72] DIPIETRO, JOSEPH, US
[72] SMITH, MICHAEL G., US
[71] AVENT, INC., US
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[25] EN
[54] **REACTOR SYSTEM FOR MULTI-PHASE POLYMERIZATION PROCESS**
[54] **SYSTEME DE REACTEUR POUR PROCEDE DE POLYMERISATION MULTI-PHASE**
[72] YEH, RICHARD CHENG-MING, US
[72] HEMBREE, RICHARD D., US
[72] MCDONALD, MICHAEL F., JR., US
[72] MAIER, JOSEPH A., SG
[71] EXXONMOBIL CHEMICAL PATENTS INC., US
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[25] EN
[54] **METHODS FOR INACTIVATION AND EXTRACTION OF ACID-FAST BACTERIA FROM LIQUID MEDIA FOR CHARACTERIZATION AND/OR IDENTIFICATION USING MASS SPECTROMETRY**
[54] **PROCEDES D'INACTIVATION ET D'EXTRACTION DE BACTERIES RESISTANTES AUX ACIDES A PARTIR DE MILIEUX LIQUIDES POUR UNE CARACTERISATION ET/OU UNE IDENTIFICATION A L'AIDE DE LA SPECTROMETRIE DE MASSE**
[72] DEOL, PARAMPAL, US
[72] MILLER, ERIC, US
[72] MORENO, ERIK, US
[72] TOTTY, HEATHER, US
[71] BIOMERIEUX, INC., US
[71] DEOL, PARAMPAL, US
[71] MILLER, ERIC, US
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[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING A LOCATION OF A VEHICLE RELATIVE TO A STOPPING POINT**
[54] **SYSTEME ET PROCEDE POUR DETERMINER UN EMPLACEMENT D'UN VEHICULE PAR RAPPORT A UN POINT D'ARRET**
[72] IQBAL, FAHD, US
[72] MWAKIBINGA, THOMAS, US
[72] PANNIER, TORSTEN, US
[72] SCHERLING, TORSTEN, DE
[71] SIEMENS INDUSTRY, INC., US
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[25] EN
[54] **METHOD FOR MAKING LIGNOCELLULOSIC PAPER AND PAPER PRODUCTS**
[54] **PROCEDE DE FABRICATION DE PAPIER LIGNOCELLULOSIQUE ET DE PRODUITS DE PAPIER**
[72] GU, QU-MING, US
[72] HUYNH-BA, JOSETTE, US
[71] SOLENIS TECHNOLOGIES, L.P., CH
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[25] EN
[54] **SYNERGISTIC ANTIBACTERIAL ACTIVITY OF MEDIUM POLARITY OILS IN COMBINATION WITH ANTIBACTERIAL AGENTS ON BACTERIAL BIOFILMS**
[54] **ACTIVITE ANTIBACTERIENNE SYNERGIQUE D'UN MELANGE CONSTITUE D'HUILES DE POLARITE MOYENNE ET D'AGENTS ANTIBACTERIENS SUR DES BIOFILMS BACTERIENS**
[72] JOVANOVIC, ALEKSA, US
[72] SHI, LEI, US
[72] ROCHE, ERIC, US
[72] RENICK, PAUL, US
[71] SMITH & NEPHEW, INC., US
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[25] EN
[54] **CONDITIONALLY ACTIVE CHIMERIC ANTIGEN RECEPTORS FOR MODIFIED T-CELLS**
[54] **RECEPTEURS D'ANTIGENE CHIMERIQUE CONDITIONNELLEMENT ACTIFS POUR CELLULES T MODIFIEES**
[72] SHORT, JAY M., US
[71] BIOATLA, LLC, US
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[25] EN
[54] **ACOUSTIC PERFUSION DEVICES**
[54] **DISPOSITIFS DE PERFUSION ACOUSTIQUES**
[72] LIPKENS, BART, US
[72] MILLER, ERIK, US
[72] ROSS-JOHNSRUD, BENJAMIN, US
[72] PRESZ, WALTER M., JR., US
[72] CHITALE, KEDAR, US
[72] KENNEDY, THOMAS J., III, US
[72] WINIARSKI, LAURYN, US
[71] FLODESIGN SONICS, INC., US
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[54] **TORCH CUTTING MACHINE**
[54] **MACHINE D'OXYCOUPAGE AU CHALUMEAU**
[72] SCHUTZ, TIMOTHY G., US
[72] JUNG, JOSEPH H., US
[71] TMS INTERNATIONAL CORPORATION, US
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[51] **Int.Cl. C23C 10/58 (2006.01) C23C 28/00 (2006.01)**
[25] EN
[54] **SLURRY FORMULATIONS FOR FORMATION OF REACTIVE ELEMENT-DOPED ALUMINIDE COATINGS AND METHODS OF FORMING THE SAME**
[54] **FORMULATIONS EN SUSPENSION POUR LA FORMATION DE REVETEMENTS D'ALUMINURE DOPES PAR UN ELEMENT REACTIF ET LEURS PROCEDES DE FORMATION**
[72] TANG, ZHIHONG, US
[72] GARING, KEVIN E., US
[72] KNAPP, JAMES K., US
[72] FEUERSTEIN, ALBERT, US
[72] LEWIS, THOMAS F., III, US
[71] PRAXAIR S.T. TECHNOLOGY, INC., US
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[54] **SEALING MEMBERS FOR WEATHER BARRIERS**
[54] **ELEMENTS D'ETANCHEITE DESTINES A DES BARRIERES CONTRE LES INTEMPERIES**
[72] DIGMANN, CHARLES, US
[72] ASHELIN, CHARLES J., US
[72] HEIM, FRANK, US
[72] BORGERDING, GARY, US
[72] WITHROW, RYAN, US
[72] GEBKE, KEVIN J., US
[71] RITE-HITE HOLDING CORPORATION, US
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[25] EN
[54] **MOLDABLE COMPOSITIONS AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS MOULABLES ET PROCEDES D'UTILISATION ASSOCIES**
[72] NGUYEN, CINDY, US
[72] MOSKAL, MICHAEL G., US
[72] ROWAN, DAVID, US
[72] SPERA, MICHAEL L., US
[72] FITZPATRICK, JAMES BROE, US
[71] CRAYOLA LLC, US
[85] 2018-02-23
[86] 2016-08-26 (PCT/US2016/048923)
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[30] US (62/210,591) 2015-08-27

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[51] **Int.Cl. B01F 17/00 (2006.01) C09K 8/68 (2006.01) E21B 43/22 (2006.01) F17D 1/17 (2006.01)**
[25] EN
[54] **DILUTED CATIONIC FRICTION REDUCERS**
[54] **AGENTS CATIONIQUES DILUES DE REDUCTION DES FROTTEMENTS**
[72] SAWANT, KAILAS, US
[72] VILLAFANE, LOUIS, US
[72] FREDERICK, KEVIN, US
[72] CHEN, SHIH-RUEY, US
[72] LOEFFLER, RANDY, US
[71] SOLVAY USA INC., US
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[30] US (62/210,161) 2015-08-26

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[51] **Int.Cl. C09K 8/584 (2006.01)**
[25] EN
[54] **HIGH-PERFORMANCE ECO-FRIENDLY NON-EMULSIFIER**
[54] **NON-EMULSIFIANT ECOLOGIQUE HAUTE PERFORMANCE**
[72] SEHGAL, AMIT, US
[72] LAU, AARON, US
[72] DECOSTER, THOMAS, US
[71] RHODIA OPERATIONS, FR
[85] 2018-02-23
[86] 2016-08-26 (PCT/US2016/048909)
[87] (WO2017/035445)
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[25] EN
[54] **BACTERIA ENGINEERED TO TREAT DISORDERS INVOLVING PROPIONATE CATABOLISM**
[54] **BACTERIES MODIFIEES POUR TRAITER LES TROUBLES IMPLIQUANT LE CATABOLISME DU PROPIONATE**
[72] FALB, DEAN, US
[72] MILLER, PAUL, US
[72] TUCKER, ALEX, US
[72] KOTULA, JONATHAN, US
[72] ISABELLA, VINCENT, US
[72] MILLET, YVES, US
[71] SYNLOGIC, INC., US
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[30] US (62/199,445) 2015-07-31
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[30] US (PCT/US2016/037098) 2016-06-10

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[25] EN
[54] **SYSTEMS, METHODS AND APPARATUS FOR PRESENTING RELEVANT PROGRAMMING INFORMATION**
[54] **SYSTEME, PROCEDE ET APPAREIL PERMETTANT DE PRESENTER DES INFORMATIONS DE PROGRAMMATION PERTINENTES**
[72] CARLSON, JAY P., US
[72] MINNICK, DANNY J., US
[71] ECHOSTAR TECHNOLOGIES, L.L.C., US
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[25] EN
[54] **SINUS AND NASAL STENT**
[54] **STENT SINUSAL ET NASAL**
[72] WEN, JIE, US
[72] OLIVER, DANA A., US
[71] MEDTRONIC XOMED, INC., US
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[25] EN
[54] **COMPOSITIONS FOR APP-SELECTIVE BACE INHIBITION AND USES THERFOR**
[54] **COMPOSITIONS D'INHIBITION DE BETA-SECRETASE SELECTIVE DE PROTEINE PRECURSEUR AMYLOIDE ET UTILISATIONS ASSOCIEES**
[72] JOHN, VARGHESE, US
[72] BUZKO, OLEKSANDR, US
[72] BREDESEN, DALE, US
[72] SPILMAN, PATRICIA, US
[72] JAGODZINSKA, BARBARA, US
[71] NANTNEURO, LLC, US
[85] 2018-02-23
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[51] **Int.Cl. H01Q 1/12 (2006.01) H04W 4/02 (2018.01) G01S 19/14 (2010.01) G01S 19/35 (2010.01) G01S 19/51 (2010.01)**
[25] EN
[54] **ALIGNMENT SYSTEM INCLUDING REMOTE SERVER FOR POINT-TO-POINT ALIGNMENT OF SPACED APART FIRST AND SECOND ANTENNAS AND RELATED METHODS**
[54] **SYSTEME D'ALIGNEMENT COMPRENANT UN SERVEUR A DISTANCE POUR L'ALIGNEMENT POINT A POINT DE PREMIERE ET SECONDE ANTENNES ESPACEES ET PROCEDES ASSOCIES**
[72] WATTWOOD, JAMES A., US
[72] BEETON, EVAN, US
[71] SUNSIGHT HOLDINGS, LLC, US
[85] 2018-02-23
[86] 2016-08-29 (PCT/US2016/049230)
[87] (WO2017/040389)
[30] US (62/214,408) 2015-09-04
[30] US (15/227,284) 2016-08-03

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[51] **Int.Cl. H01Q 1/12 (2006.01) H04W 4/02 (2018.01) G01S 19/14 (2010.01) G01S 19/35 (2010.01) G01S 19/51 (2010.01)**
[25] EN
[54] **ALIGNMENT SYSTEM FOR POINT-TO-POINT ALIGNMENT OF SPACED APART FIRST AND SECOND ANTENNAS AND RELATED METHODS**
[54] **SYSTEME D'ALIGNEMENT POUR ALIGNEMENT POINT A POINT DE PREMIERE ET SECONDE ANTENNES ESPACEES ET PROCEDES ASSOCIES**
[72] WATTWOOD, JAMES A., US
[72] BEETON, EVAN, US
[71] SUNSIGHT HOLDINGS, LLC, US
[85] 2018-02-23
[86] 2016-08-29 (PCT/US2016/049249)
[87] (WO2017/040400)
[30] US (62/214,408) 2015-09-04
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[25] EN
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[54] **PANNEAU DE BATI POUR FORMER UN ENSEMBLE DE BATI**
[72] GARRETT, DAVID MICHAEL, US
[71] BUILDBLOCK BUILDING SYSTEMS, LLC, US
[85] 2018-02-23
[86] 2016-08-29 (PCT/US2016/049284)
[87] (WO2017/040409)
[30] US (62/211,072) 2015-08-28

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[51] **Int.Cl. E21B 43/16 (2006.01) C09K 8/584 (2006.01)**
[25] EN
[54] **METHOD OF IMPROVING MOBILITY OF HEAVY CRUDE OILS IN SUBTERRANEAN RESERVOIRS**
[54] **PROCEDE D'AMELIORATION DE LA MOBILITE DE PETROLES BRUTS LOURDS DANS DES RESERVOIRS SOUTERRAINS**
[72] QUINTERO, LIRIO, US
[72] MARCOS, JOSE, VE
[72] GOMEZ SERNA, GERMAN RODRIGO, US
[72] MESA, SEBASTIAN, CO
[72] TORO, CARLOS F., CO
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-02-23
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[30] US (62/212,779) 2015-09-01

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[25] EN
[54] **MOLECULES HAVING PESTICIDAL UTILITY, AND INTERMEDIATES, COMPOSITIONS, AND PROCESSES, RELATED THERETO**
[54] **MOLECULES PRESENTANT UNE UTILITE EN TANT QUE PESTICIDES, ET INTERMEDIAIRES, COMPOSITIONS ET PROCEDES ASSOCIES**
[72] GIAMPIETRO, NATALIE C., US
[72] CROUSE, GARY D., US
[72] SPARKS, THOMAS C., US
[72] DEMETER, DAVID A., US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-02-23
[86] 2016-09-01 (PCT/US2016/049828)
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[30] US (62/214,255) 2015-09-04
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[51] **Int.Cl. C12N 15/10 (2006.01) C12N 15/117 (2010.01) C12N 15/85 (2006.01) C12Q 1/68 (2018.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SELECTION OF GRNA TARGETING STRANDS FOR CAS9 LOCALIZATION**
[54] **SYSTEMES ET PROCEDES DE SELECTION DE BRINS CIBLANT L'ARNG POUR LA LOCALISATION DE CAS9**
[72] NOVINA, CARL, US
[72] MEISTER, GLENNA, US
[71] DANA-FARBER CANCER INSTITUTE INC., US
[85] 2018-02-23
[86] 2016-09-01 (PCT/US2016/049921)
[87] (WO2017/040793)
[30] US (62/212,870) 2015-09-01

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[51] **Int.Cl. A61K 47/68 (2017.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **SYD985 TREATMENT OF T-DM1 REFRACTORY CANCER PATIENTS**
[54] **TRAITEMENT SYD985 CHEZ DES PATIENTS ATTEINTS D'UN CANCER REFRACTAIRE A T-DM1**
[72] VOORTMAN, GERRIT, NL
[72] KOPER, NORBERT PETER, NL
[71] SYNTHON BIOPHARMACEUTICALS B.V., NL
[85] 2018-02-26
[86] 2016-09-21 (PCT/EP2016/072464)
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[30] EP (16158710.0) 2016-03-04
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[25] EN
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[54] **ESTIMATION DU DEPLACEMENT DE CHARIOTS SUR ROUES**
[72] CARTER, SCOTT J., US
[72] HANNAH, STEPHEN E., US
[72] JAMES, JESSE M., US
[72] RAMANATHAN, NARAYANAN V., US
[71] GATEKEEPER SYSTEMS, INC., US
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[30] US (62/214,561) 2015-09-04

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[25] EN
[54] **ULTRA-DENSE ELECTRODE-BASED BRAIN IMAGING SYSTEM**
[54] **SYSTEME D'IMAGERIE DU CERVEAU ULTRA DENSE UTILISANT DES ELECTRODES**
[72] LIU, WENTAI, US
[72] LI, YING, US
[72] QIN, JING, US
[72] CHANG, CHI-WEI, US
[72] LO, YI-KAI, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2018-02-23
[86] 2016-09-06 (PCT/US2016/050452)
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[30] US (62/215,154) 2015-09-07
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[51] **Int.Cl. H04B 1/18 (2006.01) H04B 1/04 (2006.01)**
[25] EN
[54] **ACTIVE ARRAY CALIBRATION**
[54] **CALIBRAGE D'UN RESEAU ACTIF**
[72] BANU, MIHAI, US
[72] FENG, YIPING, US
[71] BLUE DANUBE SYSTEMS, INC., US
[85] 2018-02-23
[86] 2016-09-08 (PCT/US2016/050625)
[87] (WO2017/044528)
[30] US (62/216,592) 2015-09-10

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[51] **Int.Cl. H04B 1/18 (2006.01) H04B 1/04 (2006.01)**
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[54] **CALIBRATING A SERIAL INTERCONNECTION**
[54] **ETALONNAGE D'UNE INTERCONNEXION EN SERIE**
[72] BANU, MIHAI, US
[71] BLUE DANUBE SYSTEMS, INC., US
[85] 2018-02-23
[86] 2016-09-08 (PCT/US2016/050680)
[87] (WO2017/044565)
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[51] **Int.Cl. A61K 39/112 (2006.01)**
[25] EN
[54] **SALMONELLA CHOLERAESUIS-SALMONELLA TYPHIMURIUM VACCINES**
[54] **VACCINS CONTRE SALMONELLA CHOLERAESUIS-SALMONELLA TYPHIMURIUM**
[72] FERGEN, BRIAN JAMES, US
[72] JORDAN, DIANNA M. MURPHY, US
[72] KAISER, TROY JAMES, US
[72] SMILEY, REX ALAN, US
[71] BOEHRINGER INGELHEIM VETMEDICA, INC., US
[85] 2018-02-23
[86] 2016-09-13 (PCT/US2016/051448)
[87] (WO2017/048677)
[30] US (62/219,271) 2015-09-16

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[51] **Int.Cl. C08K 5/14 (2006.01)**
[25] EN
[54] **FLEXIBLE CROSSLINKED CABLE INSULATION AND METHODS FOR MAKING FLEXIBLE CROSSLINKED CABLE INSULATION**
[54] **ISOLATION DE CABLE RETICULE SOUPLE ET PROCEDES DE FABRICATION D'ISOLATION DE CABLE RETICULE SOUPLE**
[72] CHAUDHARY, BHARAT I., US
[72] TUBERQUIA, JUAN C., US
[72] WICKHAM, RENNISHA, US
[72] FONTAINE, PHILIP P., US
[72] LI PI SHAN, COLIN, US
[72] HUGHES, MORGAN M., US
[72] BAZEN, JAN, NL
[72] MADENJIAN, EDWARD O., US
[72] BRENNAN, GREGORY J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-02-26
[86] 2016-08-22 (PCT/US2016/048014)
[87] (WO2017/040088)
[30] US (62/213,152) 2015-09-02

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[51] **Int.Cl. H01B 3/44 (2006.01) C08F 4/64 (2006.01) C08F 210/16 (2006.01) C08L 23/04 (2006.01)**
[25] EN
[54] **FLEXIBLE CROSSLINKED CABLE INSULATION AND METHODS FOR MAKING FLEXIBLE CROSSLINKED CABLE INSULATION**
[54] **ISOLATION DE CABLE RETICULEE FLEXIBLE ET PROCEDES DE FABRICATION D'ISOLATION DE CABLE RETICULEE FLEXIBLE**
[72] CHAUDHARY, BHARAT I., US
[72] TUBERQUIA, JUAN C., US
[72] WICKHAM, RENNISHA, US
[72] FONTAINE, PHILIP P., US
[72] LI PI SHAN, COLIN, US
[72] HUGHES, MORGAN M., US
[72] BAZEN, JAN, NL
[72] MADENJIAN, EDWARD O., US
[72] BRENNAN, GREGORY J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-02-26
[86] 2016-08-22 (PCT/US2016/048016)
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[30] US (62/213,153) 2015-09-02

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[25] EN
[54] **AIRCRAFT CABIN ARRANGEMENT WITH OPTIMIZED PASSENGER AND CREW SERVICE AREAS**
[54] **AGENCEMENT DE CABINE D'AERONEF AVEC ZONES DE SERVICE D'EQUIPAGE ET DE PASSAGER OPTIMISEES**
[72] CHEN, TING-YU, NL
[72] JOHNSON, GLENN, US
[71] B/E AEROSPACE, INC., US
[85] 2018-02-26
[86] 2016-08-24 (PCT/US2016/048296)
[87] (WO2017/035183)
[30] US (62/210,064) 2015-08-26

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[51] **Int.Cl. F16K 31/00 (2006.01) A47J 31/54 (2006.01) B64D 11/04 (2006.01) F24D 17/00 (2006.01) G05D 23/10 (2006.01)**
[25] EN
[54] **THERMALLY-ACTUATED FLOW-RESTRICTOR DEVICE FOR AIRCRAFT BEVERAGE MAKER**
[54] **DISPOSITIF REDUCTEUR DE DEBIT A ACTIONNEMENT THERMIQUE POUR DISPOSITIF DE PREPARATION DE BOISSONS D'AVION**
[72] DIETZ, STUART A., US
[72] CROSSWAIT, CRAIG, US
[72] AESCHLIMAN, DAN, US
[72] KELLY, LUKE E., US
[71] B/E AEROSPACE, INC., US
[85] 2018-02-26
[86] 2016-08-30 (PCT/US2016/049498)
[87] (WO2017/040532)
[30] US (62/213,020) 2015-09-01

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[25] EN
[54] **SYSTEM AND METHOD FOR QUBIT READOUT**
[54] **SYSTEME ET PROCEDE POUR LECTURE DE BITS QUANTIQUES**
[72] NAAMAN, OFER, US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2018-02-26
[86] 2016-08-19 (PCT/US2016/047801)
[87] (WO2017/082983)
[30] US (14/845,981) 2015-09-04

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[51] **Int.Cl. B60J 10/36 (2016.01) B60R 13/04 (2006.01)**
[25] EN
[54] **END CAP CLIP LOCK**
[54] **BOUCHON ETRIER DE CAPUCHON D'EXTREMITE**
[72] MALISKEY, THOMAS E., US
[72] BARA, ROD, US
[72] LESZCZYNSKI, GINA, US
[71] COOPER-STANDARD AUTOMOTIVE INC., US
[85] 2018-02-26
[86] 2016-08-26 (PCT/US2016/049059)
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[25] EN
[54] **DEVICE WITH COMPOSITIONS FOR DELIVERY TO THE LUNGS, THE ORAL MUCOSA AND THE BRAIN**
[54] **DISPOSITIF AVEC DES COMPOSITIONS POUR ADMINISTRATION AUX POUMONS, A LA MUQUEUSE BUCCALE ET AU CERVEAU**
[72] KNUDSEN, CARSTEN LEONHARD, DK
[71] JANING HOLDING APS, DK
[71] CLK CONSULT V/ CARSTEN LEONHARD KNUDSEN, DK
[85] 2018-02-23
[86] 2015-08-25 (PCT/EP2015/069439)
[87] (WO2016/030369)
[30] DK (PA201400473) 2014-08-25

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[51] **Int.Cl. A43B 7/14 (2006.01) A43B 7/22 (2006.01)**
[25] EN
[54] **CUSTOMIZABLE ARCH SUPPORT SYSTEM**
[54] **SYSTEME DE SOUTIEN DE LA VOUTE PLANTAIRE PERSONNALISABLE**
[72] SCHICKLING, EVELYN, US
[71] SCHICKLING, EVELYN, US
[85] 2018-02-26
[86] 2016-08-29 (PCT/US2016/049309)
[87] (WO2017/040424)
[30] US (62/211,695) 2015-08-28

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[51] **Int.Cl. A61K 39/12 (2006.01) A61P 31/00 (2006.01)**
[25] EN
[54] **PESTIVIRUS VACCINES FOR CONGENITAL TREMORS**
[54] **VACCINS A BASE DE PESTIVIRUS POUR LES TREMBLEMENTS CONGENITAUX**
[72] VICTORIA, JOSEPH GILBERT, US
[72] PATTERSON, ABBY RAE, US
[72] VISEK, CALLIE ANN, US
[72] IYER, ARUN V., US
[72] HOBBS, LEA ANN, US
[72] ARRUDA, BAILEY LAUREN, US
[72] ARRUDA, PAULO HENRIQUE ELIAS, US
[72] MAGSTADT, DREW ROBERT, US
[72] SCHWARTZ, KENT JAY, US
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
[71] IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
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[86] 2016-08-31 (PCT/US2016/049709)
[87] (WO2017/040672)
[30] US (62/212,124) 2015-08-31

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[25] EN
[54] **CLEANOUT ADAPTOR FOR A FOAM GUN DISPENSER AND METHOD**
[54] **ADAPTATEUR DE NETTOYAGE POUR UN PISTOLET DISTRIBUTEUR DE MOUSSE ET PROCEDE**
[72] BLACK, MARC S., US
[72] BOWE, MICHAEL D., US
[72] HECKERT, MICHAEL F., US
[72] TURPIN, MATTHEW J., US
[71] ROHM AND HAAS COMPANY, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2018-02-26
[86] 2016-08-30 (PCT/US2016/049350)
[87] (WO2017/040447)
[30] US (62/213,150) 2015-09-02

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[51] **Int.Cl. A61F 2/24 (2006.01) A61B 17/00 (2006.01) A61B 17/24 (2006.01)**
[25] EN
[54] **DELIVERY SYSTEM FOR PROSTHETIC HEART VALVE**
[54] **SYSTEME DE POSE DE VALVE CARDIAQUE PROTHETIQUE**
[72] RUPP, KEVIN D., US
[72] LE, TUNG T., US
[72] LE, THANH HUY, US
[72] GRAY, BRIAN C., US
[72] FROIMOVICH ROSENBERG, ALEJANDRO J., US
[72] LINDSTROM, JEFF, US
[72] NGUYEN, KIM D., US
[72] TRAN, SONNY, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2018-02-26
[86] 2016-09-01 (PCT/US2016/049957)
[87] (WO2017/040823)
[30] US (62/214,424) 2015-09-04
[30] US (15/252,110) 2016-08-30

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[51] **Int.Cl. G01R 31/12 (2006.01) G01J 5/20 (2006.01) G01R 15/18 (2006.01) H02B 1/24 (2006.01) H04N 5/33 (2006.01)**
[25] EN
[54] **INFRARED SENSOR ARRAY CIRCUIT BREAKER AND HOTSPOT MONITORING**
[54] **COUPE-CIRCUIT DE RESEAU DE CAPTEURS INFRAROUGES ET SURVEILLANCE DE POINT D'ACCES SANS FIL**
[72] FREER, BENJAMIN AVERY, US
[72] IANNCE, STEPHAN P., US
[72] MANAHAN, JOSEPH MICHAEL, US
[72] ROTHENBERGER, RICK, US
[72] BONACCIO, JOHN, US
[72] KATHUROJU, PAVAN KUMAR, IN
[72] BARJATYA, AMIT, IN
[72] KSHIRSAGAR, ABHIJEET V., IN
[72] DHARNE, GAYATRI SHASHIKANT, IN
[71] EATON INTELLIGENT POWER LIMITED, IE
[85] 2018-02-26
[86] 2016-09-02 (PCT/US2016/050042)
[87] (WO2017/040886)
[30] US (62/213,206) 2015-09-02
[30] US (14/867,745) 2015-09-28

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[51] **Int.Cl. F21S 11/00 (2006.01) F21V 5/02 (2006.01)**
[25] EN
[54] **ARTIFICIAL SKYLIGHT AND METHODS**
[54] **LUCARNE ARTIFICIELLE ET PROCEDES**
[72] FLYNN, SEAN, GB
[72] CLARK, JONATHAN, US
[71] INNERSCENE, INC., US
[85] 2018-02-26
[86] 2016-09-08 (PCT/US2016/050613)
[87] (WO2017/048569)
[30] US (62/219,419) 2015-09-16
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[51] **Int.Cl. B61L 29/24 (2006.01) B61L 29/30 (2006.01) B61L 23/00 (2006.01) B61L 29/28 (2006.01) B61L 29/32 (2006.01)**
[25] EN
[54] **RAILROAD CROSSING INDICATION DEVICE, RAILROAD CROSSING INDICATION SYSTEM, AND METHOD FOR DISPLAYING INFORMATION AT RAILROAD CROSSINGS**
[54] **DISPOSITIF D'INDICATION DE PASSAGE A NIVEAU, SYSTEME D'INDICATION DE PASSAGE A NIVEAU ET PROCEDE D'AFFICHAGE D'INFORMATIONS AU NIVEAU DE PASSAGES A NIVEAU**
[72] DEJARNATT, BARTON, US
[72] PLESS, TRAVIS, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2018-02-26
[86] 2015-08-31 (PCT/US2015/047656)
[87] (WO2017/039597)

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[51] **Int.Cl. A61K 9/48 (2006.01) A61K 31/517 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS COMPRISING 3-(5-AMINO-2-METHYL-4-OXO-4H-QUINAZOLIN-3-YL)-PIPERIDINE-2,6-DIONE**
[54] **COMPOSITIONS PHARMACEUTIQUES COMPORTANT DU 3-(5-AMINO-2-METHYL-4-OXO-4H-QUINAZOLINE-3-YL)-PIPERIDINE-2,6-DIONE**
[72] WALTERS, COLIN, US
[72] BOWEN, WILLIAM, US
[72] SUN, YALI, US
[72] BRUMFIELD, JAY, US
[72] SHEN, XIAOXUAN, US
[72] ZOU, DAOZHONG, US
[72] GHOSH, INDRAJIT, US
[71] CELGENE CORPORATION, US
[85] 2018-02-26
[86] 2016-08-26 (PCT/US2016/048905)
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[30] US (62/210,923) 2015-08-27

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[51] **Int.Cl. C12N 5/00 (2006.01)**
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[54] **CELL CULTURE MEDIUM**
[54] **MILIEU DE CULTURE DE CELLULES**
[72] CLEMENS, CHRISTOPH, DE
[72] SCHAUB, JOCHEN, DE
[72] LINK, MARIE, DE
[72] SCHORN, PETER, DE
[72] SCHULZ, TORSTEN, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2017-08-21
[86] 2016-03-31 (PCT/EP2016/057036)
[87] (WO2016/156476)
[30] EP (15162228.9) 2015-04-01

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[13] A1
[51] **Int.Cl. B60L 11/18 (2006.01) B65G 29/02 (2006.01) B66F 7/06 (2006.01)**
[25] EN
[54] **INDUCTIVE POWER TRANSFER PAD AND METHOD OF OPERATING AN INDUCTIVE POWER TRANSFER PAD WITH SCISSOR LIFT MEANS FOR MOVING A PRIMARY COIL**
[54] **PLAQUE DE TRANSFERT D'ENERGIE PAR INDUCTION ET PROCEDE DE FONCTIONNEMENT D'UNE PLAQUE DE TRANSFERT D'ENERGIE PAR INDUCTION POURVUE D'UN MOYEN ELEVATEUR A CISEAUX PERMETTANT DE DEPLACER UNE BOBINE PRIMAIRE**
[72] WECHSLER, SIMON, DE
[72] GUNT, ROMAN, DE
[72] SCHUELE, ROBERT, DE
[71] BOMBARDIER PRIMOVE GMBH, DE
[85] 2018-02-26
[86] 2016-08-29 (PCT/EP2016/070318)
[87] (WO2017/037021)
[30] GB (1515332.3) 2015-08-28

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[51] **Int.Cl. C07K 16/24 (2006.01)**
[25] EN
[54] **METHODS OF TREATING INFLAMMATORY DISEASES**
[54] **METHODES DE TRAITEMENT DE MALADIES INFLAMMATOIRES**
[72] BOECHER, WULF OTTO, DE
[72] GALLER, ANNETTE BETTINA, DE
[72] LALOVIC, BOJAN, US
[72] PADULA, STEVEN JOHN, US
[72] SCHOLL, PAUL, US
[72] VISVANATHAN, SUDHA, US
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2018-02-23
[86] 2016-09-15 (PCT/US2016/051844)
[87] (WO2017/048901)
[30] US (62/220,410) 2015-09-18
[30] US (62/235,654) 2015-10-01
[30] US (62/295,643) 2016-02-16
[30] US (62/328,863) 2016-04-28
[30] US (62/335,242) 2016-05-12
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[51] **Int.Cl. F27D 5/00 (2006.01) B05B 13/02 (2006.01) B01J 35/04 (2006.01)**
[25] EN
[54] **USE OF SPACERS IN THE COATING METHOD**
[54] **UTILISATION D'ENTRETOISES DANS UN PROCEDE DE REVETEMENT**
[72] HASSELMANN, WOLFGANG, DE
[72] HOLZER, CEDRIC, DE
[71] UMICORE AG & CO. KG, DE
[85] 2018-02-26
[86] 2016-09-01 (PCT/EP2016/070602)
[87] (WO2017/042085)
[30] DE (10 2015 115 124.3) 2015-09-09

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[51] **Int.Cl. G01N 33/68 (2006.01) G01N 33/58 (2006.01)**
[25] EN
[54] **NOVEL METHODS AND KITS FOR DETECTING UREA CYCLE DISORDERS USING MASS SPECTROMETRY**
[54] **PROCEDES INNOVANTS ET TROUSSES DE DETECTION DE TROUBLES DU CYCLE DE L'UREE PAR SPECTROMETRIE DE MASSE**
[72] CARRARD, GERALDINE, FI
[72] FINGERHUT, RALPH, DE
[71] LABSYSTEMS DIAGNOSTICS OY, FI
[85] 2018-02-26
[86] 2016-09-02 (PCT/EP2016/070724)
[87] (WO2017/037237)
[30] EP (EP15183561.8) 2015-09-02
[30] EP (EP15188615.7) 2015-10-06

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[51] **Int.Cl. C07C 5/333 (2006.01) C07C 11/04 (2006.01)**
[25] EN
[54] **ALKANE OXIDATIVE DEHYDROGENATION**
[54] **DESHYDROGENATION OXYDANTE D'ALCANE**
[72] BOS, ALOUISIUS NICOLAAS RENEE, NL
[72] MITKIDIS, GEORGIOS, NL
[72] ROSSUM VAN, GUUS, NL
[72] SAN ROMAN MACIA, MARIA, NL
[72] SCHOONEBEEK, RONALD JAN, NL
[72] SHAH, VATSAL MUKUNDLAL, US
[72] VERHAAK, MICHAEL JOHANNES FRANCISCUS MARIA, NL
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2018-02-26
[86] 2016-09-16 (PCT/EP2016/071948)
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[30] EP (15185778.6) 2015-09-18

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[51] **Int.Cl. H04R 29/00 (2006.01) H04R 3/00 (2006.01) H04R 3/04 (2006.01) H04R 17/00 (2006.01)**
[25] EN
[54] **MEMS SOUND TRANSDUCER WITH CLOSED CONTROL SYSTEM**
[54] **TRANSDUCTEUR A MEMS EQUIPE D'UN SYSTEME DE COMMANDE EN CHAINE FERMEE**
[72] RUSCONI CLERICI, ANDREA, AT
[72] BOTTONI, FERRUCCIO, AT
[71] USOUND GMBH, AT
[85] 2018-02-26
[86] 2016-08-01 (PCT/EP2016/068295)
[87] (WO2017/032555)
[30] DE (DE 10 2015 114 245.7) 2015-08-27

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[13] A1
[51] **Int.Cl. A61F 2/24 (2006.01)**
[25] EN
[54] **LIMITED EXPANSION HEART VALVE**
[54] **VALVULE CARDIAQUE A EXPANSION LIMITEE**
[72] CONKLIN, BRIAN S., US
[72] CHANG, DA-YU, US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2018-02-26
[86] 2016-09-09 (PCT/US2016/051153)
[87] (WO2017/044883)
[30] US (62/216,936) 2015-09-10
[30] US (15/260,053) 2016-09-08

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[13] A1
[51] **Int.Cl. A61M 5/168 (2006.01) A61M 39/22 (2006.01) F16K 7/10 (2006.01)**
[25] EN
[54] **VARIABLE FLOW RATE CONTROL DEVICE**
[54] **DISPOSITIF DE REGULATION DE DEBIT D'ECOULEMENT VARIABLE**
[72] NELSON, CHRISTOPHER S., IE
[72] SCHAFFER, ANDREW, US
[72] MENDILLO, MARK D., US
[71] AVENT, INC., US
[85] 2018-02-26
[86] 2015-08-27 (PCT/US2015/047145)
[87] (WO2017/034568)

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[13] A1
[51] **Int.Cl. A61K 9/16 (2006.01) C08F 290/12 (2006.01)**
[25] EN
[54] **POLYMERS AND MICROSPHERES**
[54] **POLYMERES ET MICROSPHERES**
[72] HEAYSMAN, CLARE LOUISE, GB
[72] LLOYD, ANDREW, GB
[72] PHILLIPS, GARY, GB
[72] LEWIS, ANDREW LEONARD, GB
[71] BIOCOMPATIBLES UK LIMITED, GB
[85] 2018-02-26
[86] 2016-09-05 (PCT/EP2016/070808)
[87] (WO2017/037276)
[30] GB (1515602.9) 2015-09-03

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[13] A1
[51] **Int.Cl. H01H 9/10 (2006.01) H01H 9/54 (2006.01) H01H 39/00 (2006.01) H01H 89/00 (2006.01)**
[25] FR
[54] **PROTECTIVE DEVICE FOR AN ELECTRICAL CIRCUIT, ELECTRICAL CIRCUIT PROVIDED WITH SUCH A DEVICE AND METHOD FOR PROTECTING SUCH AN ELECTRICAL CIRCUIT**
[54] **DISPOSITIF DE PROTECTION POUR UN CIRCUIT ELECTRIQUE, CIRCUIT ELECTRIQUE EQUIPE D'UN TEL DISPOSITIF ET PROCEDE DE PROTECTION D'UN TEL CIRCUIT ELECTRIQUE**
[72] DE PALMA, GIANFRANCO, FR
[72] OUAIDA, REMY, FR
[71] MERSEN FRANCE SB SAS, FR
[85] 2018-02-26
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[54] **TOILET**
[54] **TOILETTES**
[72] RIFE, ROBERT, US
[72] VINING, LEAH, US
[71] RIFE, ROBERT, US
[71] VINING, LEAH, US
[85] 2018-02-26
[86] 2016-06-01 (PCT/US2016/035192)
[87] (WO2017/034636)
[30] US (62/209,938) 2015-08-26
[30] US (15/014,192) 2016-02-03

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[51] **Int.Cl. B25J 13/08 (2006.01) B25J 17/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING CONTACT DETECTION IN AN ARTICULATED ARM**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE DE DETECTION DE CONTACT DANS UN BRAS ARTICULE**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] GEYER, CHRISTOPHER, US
[72] KOLETSCHKA, THOMAS, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY INC., US
[85] 2018-02-26
[86] 2016-08-19 (PCT/US2016/047869)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING A PROPROTEIN CONVERTASE SUBTILISIN KEXIN (PCSK9) GENE-ASSOCIATED DISORDER**
[54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT D'UN TROUBLE ASSOCIE A UN GENE DE PROPROTEINE CONVERTASE SUBTILISINE KEXINE (PCSK9)**
[72] FITZGERALD, KEVIN, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2018-02-26
[86] 2016-08-25 (PCT/US2016/048666)
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[30] US (62/209,526) 2015-08-25

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[25] EN
[54] **SYSTEMS AND METHODS FOR HIGH-ACCURACY VARIANT CALLING**
[54] **SYSTEMES ET PROCEDES D'APPEL DE VARIANTE DE HAUTE PRECISION**
[72] SANBORN, JOHN ZACHARY, US
[71] NANTOMICS, LLC, US
[85] 2018-02-26
[86] 2016-08-25 (PCT/US2016/048768)
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[25] EN
[54] **SYSTEMS AND METHODS FOR GENETIC ANALYSIS OF METASTASES**
[54] **SYSTEMES ET PROCEDES D'ANALYSE GENETIQUE DE METASTASES**
[72] SANBORN, JOHN ZACHARY, US
[71] NANTOMICS, LLC, US
[85] 2018-02-26
[86] 2016-08-25 (PCT/US2016/048778)
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[30] US (62/209,850) 2015-08-25

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[54] **DAMLESS HYDROELECTRIC POWER PLANT**
[54] **CENTRALE HYDROELECTRIQUE SANS BARRAGE**
[72] AKISHIN, DMYTRIY IVANOVICH, UA
[72] KRIVCHIKOV, VIKTOR IVANOVICH, UA
[71] AKISHIN, DMYTRIY IVANOVICH, UA
[71] KRIVCHIKOV, VIKTOR IVANOVICH, UA
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[25] EN
[54] **TOCOTRIENOL DERIVATIVES, PHARMACEUTICAL COMPOSITION AND METHOD OF USE IN 5-LIPOXYGENASE RELATED DISEASES**
[54] **DERIVES DE TOCOTRIENOL, COMPOSITION PHARMACEUTIQUE ET LEUR METHODE D'UTILISATION DANS LES MALADIES LIEES A LA 5-LIPOXYGENASE**
[72] RICHOMME, PASCAL, FR
[72] HELESBEUX, JEAN-JACQUES, FR
[72] GUILET, DAVID, FR
[72] SERAPHIN, DENIS, FR
[72] STUPPNER, HERMANN, AT
[72] WALTENBERGER, BIRGIT, AT
[72] SCHUSTER, DANIELA, AT
[72] TEMML, VERONIKA SOPHIE, AT
[72] KOEBERLE, ANDREAS, DE
[72] WERZ, OLIVER, DE
[71] UNIVERSITE D'ANGERS, FR
[71] UNIVERSITAT INNSBRUCK, AT
[71] FRIEDRICH-SCHILLER-UNIVERSITAT JENA, DE
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[86] 2016-08-26 (PCT/EP2016/070204)
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[25] EN
[54] **DIRECTIONAL LOCKING REVERSE SHOULDER PROSTHESES AND SYSTEMS**
[54] **SYSTEMES ET PROTHESES D'EPAULE INVERSEE A VERROUILLAGE DIRECTIONNEL**
[72] HUMPHREY, STEVEN, US
[72] WERNLE, JAMES D., US
[72] HUCKY, JOANNA, US
[72] HOAG, STEPHEN H., US
[72] DYE, DONALD W., US
[72] WALZ, KENTON A., US
[72] WAGNER, TERRY W., US
[72] MACKE, KATHLEEN, US
[72] GILLARD, DUANE, US
[72] BYRD, BRIAN D., US
[72] YAMAGUCHI, KEN, US
[71] ZIMMER, INC., US
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[86] 2016-08-26 (PCT/US2016/049015)
[87] (WO2017/035479)
[30] US (62/210,600) 2015-08-27

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[54] **VENTED MOLD**
[54] **MOULE A EVENT**
[72] BEAMISH, BRIAN, CA
[72] MCGRATH, STEPHEN T., CA
[72] KANGAS, KEVIN G., US
[71] PROPRIETECT L.P., CA
[85] 2018-02-27
[86] 2016-08-30 (PCT/CA2016/051021)
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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PREFETCHING DYNAMIC URLS**
[54] **SYSTEMES ET PROCEDES DE PRELECTURE D'ADRESSES URL DYNAMIQUES**
[72] LEPESKA, PETER, US
[72] TOTH, DEVIN, US
[71] VIASAT, INC., US
[85] 2018-02-26
[86] 2016-08-26 (PCT/US2016/049023)
[87] (WO2017/040297)
[30] US (62/211,246) 2015-08-28

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[25] EN
[54] **METHOD OF FERMENTATIVE ALPHA-IONONE PRODUCTION**
[54] **PROCEDE DE PRODUCTION PAR FERMENTATION D'ALPHA-IONS**
[72] JACH, GUIDO, DE
[72] AZDOUFFAL, SANAE, DE
[72] SCHULLEHNER, KATRIN, DE
[72] WELTERS, PETER, DE
[72] NATANEK, ANGELA, DE
[71] PHYTOWELT GREENTECHNOLOGIES GMBH, DE
[85] 2018-02-27
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[25] EN
[54] **UNDERWATER CABLE REPAIR HABITAT**
[54] **HABITAT DE REPARATION DE CABLE SOUS-MARIN**
[72] HEMPHILL, STEPHEN JAMES, GB
[72] MCGUCKIN, MICHAEL JOHN, GB
[72] SMITH, MAURICE PATRICK, IE
[72] RATHBORNE, GERARD JOSEPH, IE
[72] O'ROURKE, PATRICK JAMES, IE
[71] MOYLE INTERCONNECTOR LIMITED, GB
[85] 2018-02-27
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[87] (WO2017/036503)

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[25] EN
[54] **SELF-SANITIZING ELECTRICAL MACHINE**
[54] **MACHINE ELECTRIQUE AUTO-DESINFECTANTE**
[72] DAVISON, JAMES, US
[72] BROWN, JERRY, US
[72] GARRISON, KEVIN, US
[71] DAVISON, JAMES, US
[71] BROWN, JERRY, US
[71] GARRISON, KEVIN, US
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[86] 2016-08-26 (PCT/US2016/048903)
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[25] EN
[54] **SYSTEMS, ARTICLES, AND METHODS FOR INTEGRATING HOLOGRAPHIC OPTICAL ELEMENTS WITH EYEGLASS LENSES**
[54] **SYSTEMES, ARTICLES ET PROCEDES POUR INTEGRER DES ELEMENTS OPTIQUES HOLOGRAPHIQUES A DES VERRES DE LUNETTES**
[72] HOLLAND, LLOYD FREDERICK, CA
[72] BAILEY, MATTHEW, CA
[71] THALMIC LABS INC., CA
[85] 2018-02-26
[86] 2016-09-02 (PCT/US2016/050225)
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[30] US (62/214,600) 2015-09-04

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[25] EN
[54] **COMPOSITIONS COMPRISING UROLITHIN COMPOUNDS**
[54] **COMPOSITIONS COMPRENANT DES COMPOSES D'UROLITHINE**
[72] ANDREUX, PENELOPE, CH
[72] RINSCH, CHRISTOPHER, CH
[72] BLANCO-BOSE, WILLIAM, CH
[71] AMAZENTIS SA, CH
[85] 2018-02-27
[86] 2016-08-26 (PCT/EP2016/070255)
[87] (WO2017/036992)
[30] GB (1515387.7) 2015-08-28

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[25] EN
[54] **COMPOSITIONS COMPRISING AN UROLITHIN COMPOUND**
[54] **COMPOSITIONS COMPRENANT UN COMPOSE UROLITHINE**
[72] ANDREUX, PENELOPE, CH
[72] RINSCH, CHRISTOPHER, CH
[72] BLANCO-BOSE, WILLIAM, CH
[71] AMAZENTIS SA, CH
[85] 2018-02-27
[86] 2016-08-26 (PCT/EP2016/070257)
[87] (WO2017/036993)
[30] GB (1515391.9) 2015-08-28

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[25] EN
[54] **SLURRY MIXER GATE HAVING ENHANCED EXTRACTOR PORTS**
[54] **PORTE DE MELANGEUR DE SUSPENSION CONCENTREE COMPORTANT DES ORIFICES D'EXTRACTEUR AMELIORES**
[72] SCHENCK, RONALD EDWARD, US
[72] WITTBOLD, JAMES R., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2018-02-27
[86] 2016-08-23 (PCT/US2016/048154)
[87] (WO2017/040106)
[30] US (14/846,282) 2015-09-04

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[25] EN
[54] **MEANS AND METHODS FOR PRODUCTION OF ORGANIC COMPOUNDS**
[54] **MOYENS ET PROCEDES POUR LA PRODUCTION DE COMPOSES ORGANIQUES**
[72] VAN DUUREN, JOZEF, DE
[72] STOLZENBERGER, JESSICA, DE
[72] KOHLSTEDT, MICHAEL, DE
[72] STARCK, SOREN, DE
[72] SELZER, MIRJAM, DE
[72] FRITZ, MICHEL, FR
[72] HOELTZEN, HEIKE, DE
[72] RICHTER, RUDOLF, DE
[72] WITTMANN, CHRISTOPH, DE
[71] UNIVERSITAET DES SAARLANDES, DE
[85] 2018-02-27
[86] 2016-08-29 (PCT/EP2016/070307)
[87] (WO2017/037013)
[30] EP (15002547.6) 2015-08-28
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[25] EN
[54] **FORMULATIONS CONTAINING AN EXTRACT OF ECHINACEA AND LINOLEIC ACID DERIVATIVES**
[54] **COMPOSITION CONTENANT UN EXTRAIT D'ECHINACEA ET DES DERIVES D'ACIDE LINOLEIQUE**
[72] SOEBERDT, MICHAEL, DE
[72] ABELS, CHRISTOPH, DE
[72] KNIE, ULRICH, DE
[71] DR. AUGUST WOLFF GMBH & CO. KG ARZNEIMITTEL, DE
[85] 2018-02-27
[86] 2016-08-31 (PCT/EP2016/070438)
[87] (WO2017/037075)
[30] DE (10 2015 011 132.9) 2015-08-31

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[51] **Int.Cl. G06F 17/27 (2006.01)**
[25] EN
[54] **AUTOMATED DOCUMENT ANALYSIS COMPRISING COMPANY NAME RECOGNITION**
[54] **ANALYSE DE DOCUMENT AUTOMATISEE COMPRENANT LA RECONNAISSANCE DE NOMS D'ENTREPRISES**
[72] COOK, DAVID A., US
[72] JACHOWICZ, ANDRZEJ H., US
[72] JONES, PHILLIP KARL, US
[71] FREEDOM SOLUTIONS GROUP, LLC D/B/A MICROSYSTEMS, US
[85] 2018-02-27
[86] 2016-08-28 (PCT/US2016/049165)
[87] (WO2017/040356)
[30] US (62/211,097) 2015-08-28

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[51] **Int.Cl. C04B 26/04 (2006.01) C04B 26/06 (2006.01) C04B 26/16 (2006.01) C09J 131/04 (2006.01)**
[25] EN
[54] **ENHANCED ADHESIVE COMPOSITION FOR RE-ENFORCING JOINTS IN GYPSUM PANEL CONSTRUCTION**
[54] **COMPOSITION ADHESIVE AMELIOREE POUR RE-APPLIQUER DES JOINTS DANS UNE CONSTRUCTION EN PANNEAUX DE PLATRE**
[72] MOYER, KEVIN W., JR., US
[72] HARGROVE, PAMELA L., US
[72] BURY, RAFAEL, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2018-02-27
[86] 2016-08-29 (PCT/US2016/049177)
[87] (WO2017/044329)
[30] US (62/215,485) 2015-09-08
[30] US (15/214,617) 2016-07-20

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[51] **Int.Cl. A23C 9/00 (2006.01) A23L 33/125 (2016.01) A23L 33/19 (2016.01) A23P 10/40 (2016.01) A23P 10/47 (2016.01) A23C 1/04 (2006.01) A23C 1/05 (2006.01) A23C 1/16 (2006.01) A23C 9/152 (2006.01) A23C 9/156 (2006.01) A23C 9/16 (2006.01) A23C 9/18 (2006.01) A23L 2/39 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **DAIRY POWDER**
[54] **PRODUIT LAITIER EN POUDRE**
[72] HAYLETT, ANDREW, GB
[72] DEN BOER, CLAIRE-MARIE, GB
[72] WELSH, JOE CHRISTOPHER, GB
[72] MEI, FUI, GB
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2018-02-27
[86] 2016-08-31 (PCT/EP2016/070544)
[87] (WO2017/037131)
[30] GB (1515478.4) 2015-09-01
[30] EA (EA201591438) 2015-09-01

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61K 31/4375 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **FUSED HETEROCYCLIC COMPOUNDS AS S1P MODULATORS**
[54] **COMPOSES HETEROCYCLIQUES CONDENSES A TITRE DE MODULATEURS DE S1P**
[72] LANGE, UDO, DE
[72] OCHSE, MICHAEL, DE
[72] VAN DER KAM, ELIZABETH, DE
[72] VAN BERGEIJK, JEROEN, DE
[72] TURNER, SEAN, DE
[72] OELLIEN, FRANK, DE
[72] WALLESER, PATRICK, DE
[72] AMBERG, WILHELM, DE
[72] HORNBERGER, WILFRIED, DE
[72] GENESTE, HERVE, DE
[72] MEZLER, MARIO, DE
[72] HUTCHINS, CHARLES, US
[71] ABBVIE INC., US
[71] ABBVIE DEUTSCHLAND GMBH & CO. KG, DE
[85] 2018-02-27
[86] 2016-08-26 (PCT/EP2016/070225)
[87] (WO2017/036978)
[30] CN (PCT/CN2015/088447) 2015-08-28
[30] US (62/242,558) 2015-10-16

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[51] **Int.Cl. G06F 17/27 (2006.01)**
[25] EN
[54] **MITIGATION OF CONFLICTS BETWEEN CONTENT MATCHERS IN AUTOMATED DOCUMENT ANALYSIS**
[54] **ATTENUATION DE CONFLITS ENTRE DES UNITES DE MISE EN CORRESPONDANCE DE CONTENU LORS D'UNE ANALYSE DE DOCUMENT AUTOMATISEE**
[72] COOK, DAVID A., US
[72] JACHOWICZ, ANDRZEJ H., US
[72] JONES, PHILLIP KARL, US
[71] FREEDOM SOLUTIONS GROUP, LLC D/B/A MICROSYSTEMS, US
[85] 2018-02-27
[86] 2016-08-28 (PCT/US2016/049167)
[87] (WO2017/040358)
[30] US (62/211,097) 2015-08-28

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[51] **Int.Cl. E04B 9/10 (2006.01) E04B 9/12 (2006.01)**
[25] EN
[54] **SELF-TIGHTENING SPLICE**
[54] **EPISSURE A AUTO-SERRAGE**
[72] HULKA, SAMUEL D., US
[72] GULBRANDSEN, PEDER J., US
[72] UNDERKOFLER, ABRAHAM M., US
[71] USG INTERIORS, LLC, US
[85] 2018-02-27
[86] 2016-08-23 (PCT/US2016/048115)
[87] (WO2017/040098)
[30] US (14/844,454) 2015-09-03

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[51] **Int.Cl. C07K 14/325 (2006.01) A61K 39/07 (2006.01)**
[25] EN
[54] **MODIFIED ANTHRAX TOXIN PROTECTIVE ANTIGEN**
[54] **ANTIGENE MODIFIE PROTECTEUR CONTRE LA TOXINE DU CHARBON**
[72] LIU, SHI-HUI, US
[72] LEPPLA, STEPHEN H., US
[72] BUGGE, THOMAS H., US
[72] WEIN, ALEXANDER N., US
[72] PETERS, DIANE E., US
[72] LIU, JIE, US
[72] CHEN, KUANG-HUA, US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2018-02-27
[86] 2016-08-25 (PCT/US2016/048706)
[87] (WO2017/035359)
[30] US (62/210,771) 2015-08-27
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[51] **Int.Cl. B01D 71/68 (2006.01) B01D 69/08 (2006.01) B01D 71/44 (2006.01) C08J 9/28 (2006.01) C08K 5/103 (2006.01) C08L 39/06 (2006.01) C08L 81/06 (2006.01) H01M 8/04 (2016.01)**
[25] EN
[54] **MEMBRANE-FORMING DOPE FOR NON-SOLVENT INDUCED PHASE SEPARATION METHODS, AND A METHOD FOR PRODUCING A POROUS HOLLOW FIBER MEMBRANE USING THE SAME**
[54] **SUBSTANCE DOPANTE FORMANT UNE MEMBRANE DESTINEE A DES METHODES DE SEPARATION DE PHASE INDUITE PAR UN NON-SOLVANT, ET UNE METHODE DE PRODUCTION D'UNE MEMBRANE A FIBRE CREUSE POREUSE COMPORTANT LADITE SUBSTANCE**
[72] SATO, TAKATOSHI, JP
[72] WATANABE, KENSUKE, JP
[71] NOK CORPORATION, JP
[85] 2018-02-27
[86] 2016-08-05 (PCT/JP2016/073134)
[87] (WO2017/043233)
[30] JP (2015-175353) 2015-09-07

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[51] **Int.Cl. C12N 15/867 (2006.01) A61P 35/00 (2006.01) C12N 7/01 (2006.01)**
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[54] **RECOMBINANT VECTORS COMPRISING 2A PEPTIDE**
[54] **VECTEURS DE RECOMBINAISON COMPRENANT UN PEPTIDE 2A**
[72] JOLLY, DOUGLAS J., US
[72] LIN, AMY H., US
[72] HOFACRE, ANDREW, US
[72] HOGAN, DANIEL J., US
[72] OSTERTAG, DEREK G., US
[71] TOCAGEN INC., US
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[54] **AUTOMATED DOCUMENT ANALYSIS COMPRISING A USER INTERFACE BASED ON CONTENT TYPES**
[54] **ANALYSE DE DOCUMENT AUTOMATISEE INTEGRANT UNE INTERFACE UTILISATEUR BASEE SUR DES TYPES DE CONTENU**
[72] COOK, DAVID A., US
[72] JACHOWICZ, ANDRZEJ H., US
[72] JONES, PHILLIP KARL, US
[71] FREEDOM SOLUTIONS GROUP, LLC, US
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[54] **METHOD FOR GENERATING A SYNTHETIC TIME PERIOD OUTPUT SIGNAL**
[54] **PROCEDE DE GENERATION D'UN SIGNAL DE SORTIE PERIODIQUE SYNTHETIQUE**
[72] KRAVITZ, ANDREW S., US
[72] MCANALLY, CRAIG B., US
[71] MICRO MOTION, INC., US
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[25] EN
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[54] **PROCEDE DE PRODUCTION DE PRAZIQUANTEL ET DE SES PRECURSEURS**
[72] EBERHARDT, LUC, DE
[72] WAECHTLER, ANDREAS, DE
[72] MAILLARD, DAVID, DE
[72] LEHMANN, STEFAN, DE
[71] MERCK PATENT GMBH, DE
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[25] EN
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[54] **FACILITATION DE L'ACCES A DISTANCE A DES DISPOSITIFS DANS UN ENVIRONNEMENT SECURISE**
[72] DICK, BRIAN, US
[72] SCHABB, MARC ALAN, US
[72] VAN BEEK, ANDREW J., US
[72] DAVIDSON, DAPHNE, US
[72] HIROKAWA, MAUREEN, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[25] EN
[54] **SEED DRILL COULTER ARRANGEMENT OF AN AGRICULTURAL MACHINE AND SEED DRILL COULTER THEREFOR**
[54] **APPAREILLAGE DE SOC DE SEMOIR D'UNE MACHINE AGRICOLE ET SOC DE SEMOIR ASSOCIE**
[72] HORSCH, PHILIPP, DE
[71] HORSCH MASCHINEN GMBH, DE
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[25] EN
[54] **NON-STEROIDAL GLUCOCORTICOID RECEPTOR MODULATORS FOR LOCAL DRUG DELIVERY**
[54] **MODULATEURS DES RECEPTEURS GLUCOCORTICOIDES NON STEROIDIENS POUR ADMINISTRATION LOCALE DE MEDICAMENTS**
[72] JOHNSON, PATRICK STEPHEN, DK
[72] DACK, KEVIN NEIL, DK
[72] HENRIKSSON, KRISTER, DK
[71] LEO PHARMA A/S, DK
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[54] **FLOW-PROPELLED ROTARY KNIFE**
[54] **COUTEAU ROTATIF PROPULSE PAR UN ECOULEMENT**
[72] WALKER, DAVID BRUCE, US
[72] NEEL, ALLEN J., US
[71] J.R. SIMPLOT COMPANY, US
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[25] EN
[54] **MICROWAVE RF FILTER WITH DIELECTRIC RESONATOR**
[54] **FILTRE HYPERFREQUENCE/RADIOFREQUENCE A RESONATEUR DIELECTRIQUE**
[72] NUMSSEN, KAI, DE
[72] SCHIMMEL, JORN, DE
[72] LORENZ, MARTIN, DE
[72] ORLOB, CHRISTIAN, DE
[72] NEUMAIER, CHRISTOPH, DE
[72] SPAETH, NATALIE, DE
[71] SPINNER GMBH, DE
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[25] EN
[54] **BACKING PLATE FOR A DISK BRAKE LINING, DISK BRAKE LINING, AND FIXED-CALIPER DISK BRAKE THEREFOR**
[54] **PLAQUE DORSALE POUR UNE GARNITURE DE FREIN A DISQUE, GARNITURE DE FREIN A DISQUE ET FREIN A DISQUE A ETRIER FIXE**
[72] DREHER, HERBERT, DE
[72] GOLZ, DIETRICH, DE
[72] MEHNER, GOTZ, DE
[72] MARR, ANDREAS, DE
[72] HAAG, MATHIAS, DE
[72] ZIMNOCH, FREDERIC, DE
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[25] EN
[54] **ARTICLE FOR USE WITH APPARATUS FOR HEATING SMOKABLE MATERIAL**
[54] **ARTICLE DESTINE A ETRE UTILISE AVEC UN APPAREIL DE CHAUFFAGE DE SUBSTANCE A FUMER**
[72] BLANDINO, THOMAS P., US
[72] WILKE, ANDREW P., US
[72] FRATER, JAMES J., US
[72] PAPROCKI, BENJAMIN J., US
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[54] **DUNNAGE CONVERSION SYSTEM AND METHOD FOR EXPANDING PRE-SLIT SHEET STOCK MATERIAL**
[54] **SYSTEME ET PROCEDE DE CONVERSION DE FARDAGE POUR ETENDRE UNE MATIERE PREMIERE EN FEUILLE PRE-FENDUE**
[72] CHEICH, ROBERT C., US
[72] URBAN, PETER J., US
[71] RANPAK CORPORATION, US
[85] 2018-02-27
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[25] EN
[54] **SOLUBLE ANTIBODY COMPLEXES FOR T CELL OR NK CELL ACTIVATION AND EXPANSION**
[54] **COMPLEXES D'ANTICORPS SOLUBLES POUR L'ACTIVATION ET LA PROLIFERATION DE CELLULES T OU DE CELLULES NK**
[72] KOKAJI, ANDY ISAMU, CA
[71] STEMCELL TECHNOLOGIES INC., CA
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[25] EN
[54] **A METHOD AND SYSTEM FOR DETECTING A MATERIAL DISCONTINUITY IN A MAGNETISABLE ARTICLE**
[54] **PROCEDE ET SYSTEME DE DETECTION DE DISCONTINUITE DE MATERIAU DANS UN ARTICLE MAGNETISABLE**
[72] BLAIR, STEWART, AU
[71] JRB ENGINEERING PTY LTD, AU
[85] 2018-02-26
[86] 2016-08-31 (PCT/AU2016/050821)
[87] (WO2017/035591)
[30] AU (2015903531) 2015-08-31

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[25] FR
[54] **DEVICE FOR SUPPLYING CARBON PASTE COMPRISING A FLOW RATE CONTROL DEVICE AND SUPPLY METHOD USING SUCH A DEVICE**
[54] **DISPOSITIF D'ALIMENTATION DE PATE CARBONEE COMPRENANT UN DISPOSITIF DE CONTROLE DU DEBIT ET PROCEDE D'ALIMENTATION A L'AIDE D'UN TEL DISPOSITIF**
[72] PHILIPPAUX, VINCENT, FR
[71] FIVES SOLIOS, FR
[85] 2018-02-27
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[51] **Int.Cl. C25B 1/06 (2006.01) C25B 9/06 (2006.01) C25B 9/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GENERATING HYDROGEN AND OXYGEN**
[54] **SYSTEME ET PROCEDE POUR PRODUIRE DE L'HYDROGENE ET DE L'OXYGENE**
[72] HANSEN, DON LEE, US
[71] HANSEN, DON LEE, US
[85] 2018-02-27
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[51] **Int.Cl. A61L 24/00 (2006.01) A61L 24/10 (2006.01)**
[25] EN
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[54] **MATERIAU HEMOSTATIQUE**
[72] QIN, XIAO-HUA, AT
[72] SLEZAK, PAUL, AT
[72] REDL, HEINZ, AT
[71] BAXTER INTERNATIONAL INC., US
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[25] EN
[54] **SECONDARY ION MASS SPECTROMETER AND SECONDARY ION MASS SPECTROMETRIC METHOD**
[54] **SPECTROMETRE DE MASSE A IONISATION SECONDAIRE, ET PROCEDE DE SPECTROMETRIE DE MASSE A IONISATION SECONDAIRE**
[72] MOLLERS, RUDOLF, DE
[72] NIEHUIS, EWALD, DE
[71] ION-TOF TECHNOLOGIES GMBH, DE
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[25] EN
[54] **METHOD AND DEVICE FOR CLEANING OF TUBE BUNDLES**
[54] **PROCEDE ET DISPOSITIF POUR LE NETTOYAGE DE FAISCEAUX TUBULAIRES**
[72] EISERMANN, REINHARD, DE
[72] SKALETZ, BODO, DE
[72] BERNARD, ADRIAN, DE
[71] LOBBE INDUSTRIESERVICE GMBH & CO. KG, DE
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[25] EN
[54] **MONO- OR DI-SUBSTITUTED INDOLE DERIVATIVES AS DENGUE VIRAL REPLICATION INHIBITORS**
[54] **DERIVES D'INDOLE MONOSUBSTITUES OU DISUBSTITUES UTILISES EN TANT QU'INHIBITEURS DE LA REPLICATION DU VIRUS DE LA DENGUE**
[72] KESTELEYN, BART RUDOLF ROMANIE, BE
[72] RABOISSON, PIERRE JEAN-MARIE BERNARD, BE
[72] BONFANTI, JEAN-FRANCOIS, FR
[72] JONCKERS, TIM HUGO MARIA, BE
[72] BARDIOT, DOROTHEE ALICE MARIE-EVE, BE
[72] MARCHAND, ARNAUD DIDIER M, BE
[71] JANSSEN PHARMACEUTICALS, INC., US
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
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[25] EN
[54] **NEW COMPOUNDS**
[54] **NOUVEAUX COMPOSES**
[72] ANGIBAUD, PATRICK RENE, FR
[72] BROGGINI, DIEGO FERNANDO DOMENICO, CH
[72] COLOMBEL, HELENE FRANCE SOLANGE, FR
[72] CUYCKENS, FILIP ALBERT C, BE
[72] HOSTYN, STEVEN ANNA, BE
[72] JONES, RUSSELL MARK, CH
[72] QUEROLLE, OLIVIER ALEXIS GEORGES, FR
[72] VERMEULEN, WIM, BE
[71] JANSSEN PHARMACEUTICA NV, BE
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[25] EN
[54] **PRESERVING AGENT FOR ORGANS OR TISSUE AND PRESERVATION METHOD FOR ORGANS OR TISSUE**
[54] **AGENT DE CONSERVATION POUR ORGANES OU TISSUS ET PROCEDE DE CONSERVATION POUR ORGANES OU TISSUS**
[72] KATO, FUMINORI, JP
[72] YOTSUYA, SHUICHI, JP
[71] ISHIHARA SANGYO KAISHA, LTD., JP
[85] 2018-02-27
[86] 2016-08-30 (PCT/JP2016/075297)
[87] (WO2017/038805)
[30] JP (2015-171012) 2015-08-31
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[25] EN
[54] **ARMATURE AND METHOD FOR PRODUCING ARMATURE**
[54] **INDUIT ET PROCEDE DE FABRICATION D'INDUIT**
[72] IZUMI, MASAHIRO, JP
[72] ARAKAWA, HIROKAZU, JP
[72] HASUO, YUSUKE, JP
[72] FRISTER, FRANK, DE
[72] NEUBAUER, ACHIM, DE
[71] MITSUI HIGH-TEC, INC., JP
[71] ROBERT BOSCH GMBH, DE
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[25] EN
[54] **NOISE REDUCING WATER RESISTANT HEADPIECE**
[54] **BONNET RESISTANT A L'EAU ET REDUISANT LE BRUIT**
[72] DE JESU, JACQUELIN, US
[71] DE JESU, JACQUELIN, US
[85] 2018-02-26
[86] 2016-08-25 (PCT/US2016/048541)
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[30] US (14/837,063) 2015-08-27

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[25] EN
[54] **CONTAINER WITH PRESSURE ACCOMMODATION AREA**
[54] **CONTENANT DOTE D'UNE ZONE DE LOGEMENT DE PRESSION**
[72] MAQUITA NAKANO, JORGE MANUEL, MX
[72] BARTMAN, LORI EVANS, US
[71] PEPSICO, INC., US
[85] 2018-02-27
[86] 2016-08-25 (PCT/US2016/048644)
[87] (WO2017/044317)
[30] US (62/216,876) 2015-09-10

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[51] **Int.Cl. B01L 3/00 (2006.01) A61B 5/145 (2006.01) B01D 27/14 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **DEPTH FILTRATION DEVICE FOR SEPARATING SPECIMEN PHASES**
[54] **DISPOSITIF DE FILTRATION EN PROFONDEUR POUR LA SEPARATION DE PHASES D'ECHANTILLON**
[72] BOKKA SRINIVASA RAO, KISHORE K., US
[72] MARCHIARULLO, DANIEL J., US
[72] IVOSEVIC, MILAN, US
[71] BECTON, DICKINSON AND COMPANY, US
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[25] EN
[54] **FORMED THERMOPLASTIC ARTICLE HAVING SMOOTH EDGES**
[54] **ARTICLE THERMOPLASTIQUE MODELE AYANT DES BORDS LISSES**
[72] WALLACE, MILLARD F., US
[71] CONVERTER MANUFACTURING, LLC, US
[85] 2018-02-27
[86] 2016-08-31 (PCT/US2016/049692)
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[25] EN
[54] **METHOD OF IDENTIFYING THE PRESENCE OF FOREIGN ALLELES IN A DESIRED HAPLOTYPE**
[54] **PROCEDE D'IDENTIFICATION DE LA PRESENCE D'ALLELES ETRANGERS DANS UN HAPLOTYPE SOUHAITE**
[72] SONSTEGARD, TAD S., US
[72] FAHRENKRUG, SCOTT C., US
[72] CARLSON, DANIEL F., US
[71] RECOMBINETICS, INC., US
[85] 2018-02-27
[86] 2016-08-31 (PCT/US2016/049746)
[87] (WO2017/040695)
[30] US (62/212,840) 2015-09-01
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[13] A1
[51] **Int.Cl. A61B 8/00 (2006.01) G01S 15/89 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING ULTRASOUND GUIDANCE TO TARGET STRUCTURES WITHIN A BODY**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE DE GUIDAGE ULTRASONORE POUR CIBLER DES STRUCTURES A L'INTERIEUR D'UN CORPS**
[72] BULJUBASIC, NEDA, US
[71] BULJUBASIC, NEDA, US
[85] 2018-02-27
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[25] EN
[54] **INTEGRATED POWER SUPPLY AND CONTROL SYSTEM AND METHOD**
[54] **ALIMENTATION ELECTRIQUE INTEGREE ET SYSTEME ET PROCEDE DE COMMANDE**
[72] JOHNSON, BENJAMIN D., US
[72] COCHRAN, DAVID W., US
[72] KATZ, JONATHAN M., US
[72] COCHRAN, DON W., US
[71] PRESSCO IP LLC, US
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[30] US (62/212,941) 2015-09-01

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[13] A1
[51] **Int.Cl. B25J 15/06 (2006.01) B65G 47/91 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING VACUUM VALVE ASSEMBLIES FOR END EFFECTORS**
[54] **SYSTEMES ET PROCEDES POUR REALISER DES ENSEMBLES DE VANNE A VIDE POUR DES EFFECTEURS D'EXTREMITE**
[72] WAGNER, THOMAS, US
[72] AHEARN, KEVIN, US
[72] DAWSON-HAGGERTY, MICHAEL, US
[72] GEYER, CHRISTOPHER, US
[72] KOLETSCHKA, THOMAS, US
[72] MARONEY, KYLE, US
[72] MASON, MATTHEW, US
[72] PRICE, GENE TEMPLE, US
[72] ROMANO, JOSEPH, US
[72] SMITH, DANIEL, US
[72] SRINIVASA, SIDDHARTHA, US
[72] VELAGAPUDI, PRASANNA, US
[72] ALLEN, THOMAS, US
[71] BERKSHIRE GREY INC., US
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[54] **CONTACT TIP ROTARY LOCK OF A WELDING TORCH**
[54] **VERROU ROTATIF DE POINTE DE CONTACT D'UN CHALUMEAU SOUDEUR**
[72] JAEGER, THOMAS ROGER, US
[72] WHIPPLE, BRADLEY EUGENE, US
[71] ILLINOIS TOOLS WORKS INC., US
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[51] **Int.Cl. B01J 23/89 (2006.01)**
[25] EN
[54] **CATALYST PARTICLES, AND ELECTRODE CATALYST, ELECTROLYTE MEMBRANE-ELECTRODE ASSEMBLY, AND FUEL CELL USING CATALYST PARTICLES**
[54] **PARTICULE DE CATALYSEUR, CATALYSEUR D'ELECTRODE OBTENU A L'AIDE DE CETTE DERNIERE, ENSEMBLE ELECTRODE-MEMBRANE D'ELECTROLYTE, ET PILE A COMBUSTIBLE**
[72] ARIHARA, KAZUKI, JP
[72] TANAKA, HIROYUKI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-27
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[54] **POWER CONVERTING DEVICE AND METHOD OF CONTROLLING POWER CONVERTING DEVICE**
[54] **CONVERTISSEUR DE PUISSANCE ET SON PROCEDE DE COMMANDE**
[72] IKEDA, MASATAKA, JP
[72] ANDO, SEIICHI, JP
[72] YAMASHITA, KAZUO, JP
[71] SHINDENGEN ELECTRIC MANUFACTURING CO., LTD., JP
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[25] EN
[54] **PROGRAMMED CELL DEATH 1 LIGAND 1 (PD-L1) IRNA COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS D'ARNI CIBLANT LE LIGAND DE MORT CELLULAIRE PROGRAMMEE 1 (PD-L1) ET LEURS METHODES D'UTILISATION**
[72] HINKLE, GREGORY, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2018-02-27
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT OF NEURODAMAGE**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT D'UNE LESION NEUROLOGIQUE**
[72] BARNEA, EYTAN R., US
[71] BIOINCEPT, LLC, US
[85] 2018-02-27
[86] 2016-08-25 (PCT/US2016/048601)
[87] (WO2017/040186)
[30] US (62/211,660) 2015-08-28
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[25] EN
[54] **SYSTEMS AND METHODS FOR CHARGING A BATTERY**
[54] **SYSTEMES ET PROCEDES DE CHARGE D'UNE BATTERIE**
[72] SPORCK, CHRISTIAN, US
[72] ARIKATLA, VARAPRASAD, US
[72] HAWAWINI, SHADI, US
[72] HAWLEY, STEVE, US
[72] O'BRIEN, THOMAS, US
[72] KUMAR, SEEMA, US
[72] MELGAR, AARON, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **SUGGESTING OBJECT IDENTIFIERS TO INCLUDE IN A COMMUNICATION**
[54] **SUGGESTION D'IDENTIFIANT D'OBJETS A INCLURE DANS UNE COMMUNICATION**
[72] PROBASCO, RYAN WILSON, US
[72] WEINER, MARTIN ERIC, JR., US
[72] GAVINI, NAVEEN, US
[71] PINTEREST, INC., US
[85] 2018-02-27
[86] 2016-08-26 (PCT/US2016/049136)
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[25] EN
[54] **DEVICE FOR EMITTING TORSIONAL ULTRASONIC WAVES AND TRANSDUCER COMPRISING SAID DEVICE**
[54] **DISPOSITIF EMETTEUR D'ONDES ULTRASONORES DE TORSION ET TRANSDUCTEUR LE COMPRENANT**
[72] RUS CALBORG, GUILLERMO, ES
[72] VALERA MARTINEZ, ALICIA, ES
[72] SANCHEZ MUNOZ, ELENA, ES
[72] MOLINA GARCIA, FRANCISCA, ES
[71] UNIVERSIDAD DE GRANADA, ES
[71] SERVICIO ANDALUZ DE SALUD, ES
[85] 2018-02-27
[86] 2016-07-18 (PCT/ES2016/070540)
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[25] EN
[54] **BIG DATA POINT AND VECTOR MODEL**
[54] **MODELE EN POINTS ET VECTEURS POUR MEGADONNEES**
[72] WALTERS, HAROLD GRAYSON, US
[72] DUSTERHOFT, RONALD GLEN, US
[72] YARUS, JEFFREY MARC, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-27
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[30] US (PCT/US15/052949) 2015-09-29

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[13] A1
[51] **Int.Cl. A61M 1/00 (2006.01)**
[25] EN
[54] **REDUCED PRESSURE TISSUE THERAPY DEVICE**
[54] **DISPOSITIF DE THERAPIE DE TISSU A PRESSION REDUITE**
[72] HU, DEAN, US
[72] WU, KENNETH, US
[71] KCI LICENSING, INC., US
[85] 2018-02-27
[86] 2016-08-16 (PCT/US2016/047126)
[87] (WO2017/040021)
[30] US (62/212,997) 2015-09-01

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[51] **Int.Cl. E21B 43/16 (2006.01) C09K 8/594 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **USE OF GASEOUS PHASE NATURAL GAS AS A CARRIER FLUID DURING A WELL INTERVENTION OPERATION**
[54] **UTILISATION DE GAZ NATUREL EN PHASE GAZEUSE COMME FLUIDE PORTEUR AU COURS D'UNE OPERATION D'INTERVENTION SUR PUITS**
[72] NEVISON, GRANT W., CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-27
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[87] (WO2017/058484)
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[25] EN
[54] **AGRICULTURAL DRONE FOR USE IN LIVESTOCK FEEDING**
[54] **DRONE AGRICOLE DESTINE A ETRE UTILISE POUR L'ALIMENTATION DU BETAIL**
[72] HORTON, CHRISTOPHER V., US
[72] VORPAHL, SAMUEL R., US
[71] DIGI-STAR, LLC, US
[85] 2018-02-27
[86] 2016-09-14 (PCT/US2016/051673)
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[25] EN
[54] **EVENT-STREAM SEARCHING USING COMPILED RULE PATTERNS**
[54] **RECHERCHE DE FLUX D'EVENEMENTS A L'AIDE DE MODELES DE REGLES COMPILES**
[72] BRAY, TIMOTHY WILLIAM, US
[72] MERCIER, BENJAMIN WARREN, US
[72] HARASEMCHUK, CHRISTOPHER LEE KUBERA, US
[72] THEIMER, MARVIN MICHAEL, US
[72] TORUN, MUSTAFA UGUR, US
[72] CARPENTER, CURT RICHARDS, US
[72] KHEW, SING YOONG, US
[72] PATEL, MIHIR RAJENDRABHAI, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2018-02-27
[86] 2016-09-08 (PCT/US2016/050792)
[87] (WO2017/044636)
[30] US (14/847,962) 2015-09-08
[30] US (14/853,884) 2015-09-14
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[51] **Int.Cl. G01N 27/04 (2006.01) G01G 1/34 (2006.01) G01L 1/20 (2006.01)**
[25] EN
[54] **FLOOR CONTACT SENSOR SYSTEM AND METHODS FOR USING SAME**
[54] **SYSTEME DE CAPTEUR DE CONTACT AVEC LE SOL ET PROCEDES POUR L'UTILISER**
[72] BIESHEUVEL, WILLEM, AE
[72] CLARK, ANDREW C., US
[71] SENCORABLES LLC, US
[85] 2018-02-27
[86] 2016-09-15 (PCT/US2016/051885)
[87] (WO2017/048921)
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[51] **Int.Cl. C12N 5/0783 (2010.01) A61K 35/12 (2015.01)**
[25] EN
[54] **ENGINEERED HOST CELLS AND METHODS OF USE THEREOF**
[54] **CELLULES HOTES GENETIQUEMENT MODIFIEES ET LEURS PROCEDES D'UTILISATION**
[72] DIJK, MARC VAN, NL
[72] VOLKER, SEIBERT, DE
[72] STEIN, ROBERT BENJAMIN, US
[71] AGENUS INC., US
[85] 2018-02-27
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[87] (WO2017/044672)
[30] US (62/217,677) 2015-09-11

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[25] EN
[54] **ENGINEERED CRISPR-CAS9 NUCLEASES**
[54] **NUCLEASES CRISPR-CAS9 MODIFIEES**
[72] JOUNG, J. KEITH, US
[72] KLEINSTIVER, BENJAMIN, US
[72] PATTANAYAK, VIKRAM, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[85] 2018-02-27
[86] 2016-08-26 (PCT/US2016/049147)
[87] (WO2017/040348)
[30] US (62/211,553) 2015-08-28
[30] US (62/216,033) 2015-09-09
[30] US (62/258,280) 2015-11-20
[30] US (62/271,938) 2015-12-28
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[51] **Int.Cl. H04W 36/00 (2009.01)**
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[54] **MANAGEMENT OF INTER-FREQUENCY MEASUREMENTS**
[54] **GESTION DE MESURES INTER-FREQUENCE**
[72] MESHKATI, FARHAD, US
[72] SADEK, AHMED KAMEL, US
[72] PRAKASH, RAJAT, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-02-27
[86] 2016-09-16 (PCT/US2016/052094)
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[30] US (14/859,686) 2015-09-21

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[51] **Int.Cl. G06F 12/0831 (2016.01)**
[25] EN
[54] **MAINTAINING CACHE COHERENCY USING CONDITIONAL INTERVENTION AMONG MULTIPLE MASTER DEVICES**
[54] **MAINTIEN DE LA COHERENCE DE CACHE A L'AIDE D'UNE INTERVENTION CONDITIONNELLE PARMI DE MULTIPLES DISPOSITIFS MAITRES**
[72] XU, KUN, US
[72] TRUONG, THUONG QUANG, US
[72] SUBRAMANIAM GANASAN, JAYA PRAKASH, US
[72] LE, HIEN MINH, US
[72] RAMIREZ, CESAR AARON, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-02-27
[86] 2016-09-09 (PCT/US2016/050987)
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[51] **Int.Cl. H01L 21/28 (2006.01) H01L 21/283 (2006.01) H01L 21/335 (2006.01) H01L 21/336 (2006.01) H01L 21/338 (2006.01) H01L 21/339 (2006.01)**
[25] EN
[54] **VERTICAL FIELD-EFFECT TRANSISTOR**
[54] **TRANSISTOR A EFFET DE CHAMP VERTICAL**
[72] YU, HYEONGGEUN, US
[72] SO, FRANKY, US
[72] KIM, DO YOUNG, US
[72] PRADHAN, BHABENDRA K., US
[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED, US
[71] NANOHOLDINGS, LLC, US
[85] 2018-02-27
[86] 2016-09-09 (PCT/US2016/051034)
[87] (WO2017/044800)
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[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/00 (2006.01)**
[25] EN
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[54] **RECEPTEURS D'ANTIGENE CHIMERE TN ANTI-SIALYLE**
[72] MORGAN, RICHARD, US
[72] FRIEDMAN, KEVIN, US
[72] YU, SEUNG SHIN, KR
[72] JEONG, JAE-GYUN, KR
[72] CHAE, JIN-A, KR
[71] BLUEBIRD BIO, INC., US
[71] VIROMED CO., LTD., KR
[85] 2018-02-27
[86] 2016-08-30 (PCT/US2016/049493)
[87] (WO2017/040529)
[30] KR (10-2015-0122727) 2015-08-31
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[51] **Int.Cl. E21B 1/12 (2006.01) B06B 1/10 (2006.01) B06B 1/16 (2006.01) E21B 3/02 (2006.01)**
[25] EN
[54] **VIBRATION GENERATOR FOR A DRILLING INSTALLATION, UNDERWATER DRILLING INSTALLATION AND UNDERWATER DRILLING SYSTEM**
[54] **GENERATEUR DE VIBRATIONS POUR UNE INSTALLATION DE FORAGE, INSTALLATION DE FORAGE SOUS-MARINE ET SYSTEME DE FORAGE SOUS-MARIN**
[72] DE JAGER, LOURENS CHRISTIAAN, ZA
[71] IHC MARINE AND MINERAL PROJECTS (PROPRIETARY) LIMITED, ZA
[85] 2018-02-27
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[51] **Int.Cl. E21B 25/08 (2006.01) E21B 49/06 (2006.01) G01N 33/00 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR COLLECTING AND PRESERVING CORE SAMPLES FROM A RESERVOIR**
[54] **PROCEDES ET APPAREIL DE COLLECTE ET DE CONSERVATION DE CAROTTES A PARTIR D'UN RESERVOIR**
[72] GUPTA, ANUJ, US
[72] GEORGI, DANIEL T., US
[72] HULL, KATHERINE L., US
[71] ARAMCO SERVICES COMPANY, US
[85] 2018-02-27
[86] 2016-09-30 (PCT/US2016/054593)
[87] (WO2017/059163)
[30] US (62/235,132) 2015-09-30

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[13] A1
[51] **Int.Cl. A01C 15/00 (2006.01) A01C 15/06 (2006.01) A01C 15/14 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND APPARATUS FOR MULTI-ROW AGRICULTURAL IMPLEMENT CONTROL AND MONITORING**
[54] **SYSTEMES, PROCEDES ET APPAREIL POUR COMMANDE ET SURVEILLANCE D'UN ENGIN AGRICOLE MULTIRANGS**
[72] STUBER, LUKE, US
[71] PRECISION PLANTING LLC, US
[85] 2018-02-27
[86] 2016-08-30 (PCT/US2016/049499)
[87] (WO2017/040533)
[30] US (62/212,419) 2015-08-31

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[13] A1
[51] **Int.Cl. H01L 35/22 (2006.01) H01L 35/24 (2006.01) H01L 35/32 (2006.01) H01L 51/00 (2006.01) H01L 51/30 (2006.01)**
[25] EN
[54] **THERMOELECTRIC CONVERSION ELEMENT AND THERMOELECTRIC CONVERSION MODULE**
[54] **ELEMENT DE CONVERSION THERMOELECTRIQUE ET MODULE DE CONVERSION THERMOELECTRIQUE**
[72] NAKAYA, HIROAKI, JP
[71] NAKAYA, HIROAKI, JP
[85] 2018-02-26
[86] 2016-08-30 (PCT/JP2016/075355)
[87] (WO2017/038831)
[30] JP (2015-174755) 2015-09-04

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[51] **Int.Cl. A47J 31/40 (2006.01) A47J 41/02 (2006.01) B67D 1/02 (2006.01) G07F 13/06 (2006.01)**
[25] EN
[54] **BEVERAGE DISPENSER**
[54] **DISTRIBUTEUR DE BOISSON**
[72] BALSTAD, ROBERT WILLIAM, US
[72] LOOMIS, SCOTT THOMAS, US
[71] PEPSICO, INC., US
[85] 2018-02-26
[86] 2016-09-13 (PCT/US2016/051530)
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[30] US (62/219,993) 2015-09-17

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[13] A1
[51] **Int.Cl. A61K 36/60 (2006.01) A61K 31/352 (2006.01) A61K 31/7034 (2006.01) A61P 31/12 (2006.01) A61P 31/14 (2006.01) A61P 31/22 (2006.01) C07K 16/08 (2006.01) C07K 16/14 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATING AND PREVENTING VIRAL INFECTIONS**
[54] **COMPOSITION DE TRAITEMENT ET DE PREVENTION D'INFECTIONS VIRALES**
[72] COSTIN, JOSHUA M., US
[72] WILLIAMS, JOHN M., US
[72] LI, DAN, US
[71] HSRX GROUP, LLC, US
[85] 2018-02-27
[86] 2016-08-31 (PCT/US2016/049589)
[87] (WO2017/040588)
[30] US (62/212,339) 2015-08-31

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[13] A1
[51] **Int.Cl. A61K 47/54 (2017.01) A61K 47/68 (2017.01) A61P 35/00 (2006.01) C07D 519/00 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/32 (2006.01)**
[25] EN
[54] **PYRROLOBENZODIAZEPINE ANTIBODY DRUG CONJUGATES AND METHODS OF USE**
[54] **CONJUGUES ANTICORPS-MEDICAMENTS DE PYRROLOBENZODIAZEPINE ET METHODES D'UTILISATION**
[72] DRAGOVICH, PETER, US
[72] PILLOW, THOMAS, US
[72] SADOWSKY, JACK, US
[72] SLIWKOWSKI, MARK X., US
[72] WEI, BINQING, US
[71] GENENTECH, INC., US
[85] 2018-02-27
[86] 2016-09-30 (PCT/US2016/054858)
[87] (WO2017/059289)
[30] US (62/236,429) 2015-10-02

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[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) C12Q 1/48 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHOD OF DETERMINING RISK OF AN ADVERSE CARDIAC EVENT**
[54] **PROCEDE DE DETERMINATION DU RISQUE D'UN EVENEMENT CARDIOVASCULAIRE INDESIRABLE**
[72] KAVSAK, PETER, CA
[72] WORSTER, ANDREW, CA
[71] MCMASTER UNIVERSITY, CA
[85] 2018-02-28
[86] 2016-08-26 (PCT/CA2016/051011)
[87] (WO2017/035639)
[30] US (62/211,074) 2015-08-28

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[51] **Int.Cl. F01K 23/10 (2006.01) F01K 25/10 (2006.01) F02C 1/00 (2006.01) F02C 3/34 (2006.01) F02C 6/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR POWER PRODUCTION USING NESTED CO2 CYCLES**
[54] **SYSTEMES ET PROCEDES DE PRODUCTION D'ENERGIE A L'AIDE DE CYCLES DE CO2 INTEGRES**
[72] ALLAM, RODNEY JOHN, GB
[72] FORREST, BROCK ALAN, US
[71] 8 RIVERS CAPITAL, LLC, US
[85] 2018-02-27
[86] 2016-08-31 (PCT/US2016/049667)
[87] (WO2017/040635)
[30] US (62/212,749) 2015-09-01

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[13] A1
[51] **Int.Cl. C23G 5/028 (2006.01) C09K 3/30 (2006.01) C11D 7/50 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **LOW FLAMMABILITY SOLVENT COMPOSITION**
[54] **COMPOSITION DE SOLVANT A FAIBLE INFLAMMABILITE**
[72] VARGAS, OLGA LILIANA, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2018-02-27
[86] 2016-10-07 (PCT/US2016/055998)
[87] (WO2017/062773)
[30] US (62/238,896) 2015-10-08
[30] US (15/271,718) 2016-09-21

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[13] A1
[51] **Int.Cl. A61K 38/47 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR THE TREATMENT OF CYTOPLASMIC GLYCOGEN STORAGE DISORDERS**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE TROUBLES ASSOCIES A UNE ACCUMULATION DU GLYCOGENE CYTOPLASMIQUE**
[72] KISHNANI, PRIYA, US
[72] SUN, BAODONG, US
[72] KOEBERL, DWIGHT D., US
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[54] **CONVEYING APPARATUS FOR TRANSPORTING INDIVIDUAL PRODUCTS**
[54] **DISPOSITIF DE CONVOYAGE POUR LE TRANSPORT DE PRODUITS INDIVIDUELS**
[72] VICKTORIUS, WINFRIED, DE
[72] WIEGEL, MARIO, DE
[71] ESPERA-WERKE GMBH, DE
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[54] **MICELLES FOR MUCOADHESIVE DRUG DELIVERY**
[54] **MICELLES POUR ADMINISTRATION DE MEDICAMENTS MUCOADHESIFS**
[72] SHEARDOWN, HEATHER, CA
[72] PROSPERI-PORTA, GRAEME, CA
[72] KEDZIOR, STEPHANIE, CA
[72] MUIRHEAD, BENJAMIN, CA
[71] MCMASTER UNIVERSITY, CA
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[54] **ROTATING DUAL DOUBLE HELIX CONDUCTORS**
[54] **CONDUCTEURS A DOUBLE HELICE TOURNANTS**
[72] SCHMIDT, DAVID, US
[71] MEDICAL ENERGETICS LTD., IE
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[25] EN
[54] **METHOD AND COMPOSITIONS FOR REMOVING DUPLICATED COPY NUMBER VARIATIONS (CNVS) FOR GENETIC DISORDERS AND RELATED USES**
[54] **PROCEDE ET COMPOSITIONS PERMETTANT D'ELIMINER DES VARIATIONS DE NOMBRE DE COPIES (CNV) DUPLIQUEES POUR DES TROUBLES GENETIQUES ET UTILISATIONS ASSOCIEES**
[72] COHN, RONALD, CA
[72] WOJTAL, DARIA, CA
[72] KEMALADEWI, DWI, CA
[72] IVAKINE, ZHENYA, CA
[71] THE HOSPITAL FOR SICK CHILDREN, CA
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[54] **MONITORING DOWNHOLE PARAMETERS USING MEMS**
[54] **SURVEILLANCE DE PARAMETRES DE FOND AU MOYEN DE MEMS**
[72] RAVI, KRISHNA M., US
[72] RODDY, CRAIG WAYNE, US
[72] COVINGTON, RICKY LAYNE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ENABLING EMERGENCY ACCESS TO SECURE WIRELESS COMMUNICATIONS NETWORKS**
[54] **AUTORISATION D'ACCES D'URGENCE A DES RESEAUX DE COMMUNICATIONS SANS FIL SECURISES**
[72] MAZZARELLA, JOSEPH R., US
[72] WENGROVITZ, MICHAEL S., US
[71] MUTUALINK, INC., US
[85] 2018-02-27
[86] 2016-09-26 (PCT/US2016/053813)
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[54] **COMPONENT FOR PRODUCING ACTIVE HAPTIC FEEDBACK**
[54] **COMPOSANT POUR GENERER UNE RETROACTION HAPTIQUE ACTIVE**
[72] RINNER, FRANZ, AT
[71] EPCOS AG, DE
[85] 2018-02-28
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[54] **GLUCOSE AND XYLOSE CO-FERMENTING MICROORGANISM THAT EXPRESSES ACTIVE GLUCOAMYLASE**
[54] **MICRO-ORGANISME DE CO-FERMENTATION DU GLUCOSE ET DU XYLOSE QUI EXPRIME LA GLUCOAMYLASE ACTIVE**
[72] HO, NANCY W. Y., US
[71] TEKKWARE, INC., US
[85] 2018-02-28
[86] 2015-08-30 (PCT/US2015/047625)
[87] (WO2016/036621)
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[25] EN
[54] **LIGHT CONCENTRATING BACKLIGHT AND NEAR-EYE DISPLAY SYSTEM USING SAME**
[54] **RETROECLAIRAGE A CONCENTRATION DE LUMIERE, ET SYSTEME D'AFFICHAGE PROCHE DE L'□IL UTILISANT CE RETROECLAIRAGE**
[72] FATTAL, DAVID A., US
[71] LEIA INC., US
[85] 2018-02-28
[86] 2016-06-30 (PCT/US2016/040582)
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[25] EN
[54] **PRODUCTS AND METHODS FOR ACTIVATING AND/OR EXPANDING T CELLS**
[54] **PRODUITS ET METHODES D'ACTIVATION ET/OU DE MULTIPLICATION DE LYMPHOCYTES T**
[72] BARRY, SIMON, AU
[72] DELALAT, BAHMAN, AU
[72] GUNDSAMBUU, BATJARGAL, AU
[72] HARDING, FRANCES JANE, AU
[72] HUTMACHER, DIETMAR, AU
[72] PARDO, MARIA ELENA JUAN, AU
[72] VOELCKER, NICOLAS HANS, AU
[72] WUNNER, FELIX, AU
[71] CTM@CRC LTD., AU
[85] 2018-02-26
[86] 2016-08-26 (PCT/AU2016/050800)
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[25] EN
[54] **PROCESS FOR PROVIDING POLYMERS COMPRISING HEXAGONAL BORON NITRIDE**
[54] **PROCEDE DE PRODUCTION DE POLYMERES COMPRENANT DU NITRURE DE BORE HEXAGONAL**
[72] WILCZAK, WOJCIECH A., US
[72] NICHOLSON, LEE M., US
[71] PEPSICO, INC., US
[85] 2018-02-26
[86] 2016-08-30 (PCT/US2016/049497)
[87] (WO2017/044354)
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[25] EN
[54] **CHILD RESISTANT CAP AND DISPENSER**
[54] **CAPUCHON ET DISTRIBUTEUR DE SECURITE**
[72] MILLER, MICHAEL DAVID, US
[72] WAN, JACQUELYN HUI-YAN, US
[72] DALEY, BENNETT P., US
[72] REZAC, PETER, US
[72] COKER, TIMOTHY BERNARD, US
[72] HALL, RYAN NEIL PETER, US
[72] VANDERPOEL, TIMOTHY ANDREW, US
[71] CVS PHARMACY, INC., US
[85] 2018-02-26
[86] 2016-08-30 (PCT/US2016/049450)
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[54] **BIOMIMETIC SYNTHETIC RUBBER AND METHODS FOR CONTROLLING ITS PHYSICAL PROPERTIES THROUGH BACKBONE DOUBLE BOND STEREOCHEMISTRY**
[54] **CAOUTCHOUC SYNTHETIQUE BIOMIMETIQUE ET PROCEDES POUR CONTROLER SES PROPRIETES PHYSIQUES AU MOYEN D'UNE STEREOCHIMIE A LIAISONS DOUBLES A L'INTERIEUR DU SQUELETTE**
[72] BECKER, MATTHEW L., US
[72] DOVE, ANDREW P., GB
[72] TRUONG, VINH X., AU
[72] BELL, CRAIG A., AU
[72] BARKER, IAN A., GB
[72] YU, JIAYI, US
[71] THE UNIVERSITY OF AKRON, US
[71] THE UNIVERSITY OF WARWICK, GB
[85] 2018-02-26
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[54] **MENISCAL REPAIR ADHESIVE**
[54] **ADHESIF DE REPARATION DE MENISQUE**
[72] CLOWER, DOTTIE M., US
[72] BECKMAN, ERIC J., US
[72] PICONE, BRADD N., US
[71] COHERA MEDICAL, INC., US
[85] 2018-02-26
[86] 2016-08-31 (PCT/US2016/049561)
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[54] **PREDICTING SOLVENT POWER OF LIGHT OILS**
[54] **PREDICTION DU POUVOIR SOLVANT DE PETROLES BRUTS LEGERS**
[72] BALASHANMUGAM, SOBAN, US
[72] FISHER, RONALD, US
[72] RUEDA-VELASQUEZ, ROSA, US
[72] HALLIDAY, DEVIN, US
[71] BP CORPORATION NORTH AMERICA INC., US
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[54] **PEPTIDE INHIBITORS OF TELOMERASE TRANSLOCATION AND THERAPEUTIC USES THEREOF**
[54] **INHIBITEURS PEPTIDIQUES DE TRANSLOCATION DE LA TELOMERASE ET LEURS UTILISATIONS THERAPEUTIQUES**
[72] EBBEN, JOHNATHAN D., US
[72] BEYER, ANDREAS M., US
[71] THE MEDICAL COLLEGE OF WISCONSIN, INC., US
[85] 2018-02-28
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[54] **PREDICTING HIGH TEMPERATURE ASPHALTENE PRECIPITATION**
[54] **PREDICTION DE LA PRECIPITATION D'ASPHALTENE A HAUTE TEMPERATURE**
[72] BALASHANMUGAM, SOBAN, US
[72] FISHER, RONALD, US
[72] HALLIDAY, DEVIN, US
[71] BP CORPORATION NORTH AMERICA INC., US
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[54] **METHOD OF PACKAGING AND DEPLOYING MARINE VIBRATOR**
[54] **PROCEDE D'EMBALLAGE ET DE DEPLOIEMENT DE VIBREUR MARIN**
[72] ABRAHAM, BRUCE M., US
[72] MCCONNELL, JAMES A., US
[72] MILEWSKI, WILLIAM M., US
[72] WOOLRICH, BRENDAN C., US
[72] REKOS, RUSSELL R., US
[71] APPLIED PHYSICAL SCIENCES CORP., US
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[54] **THREE-DIMENSIONAL WOVEN COMPOSITE VEHICLE COMPONENTS FOR CRASHWORTHINESS**
[54] **COMPOSANTS DE VEHICULES COMPOSITES TISSES TRIDIMENSIONNELS POUR LA RESISTANCE A L'IMPACT**
[72] BAYRAKTAR, HARUN H., US
[72] STEVENSON, MICHAEL BRENT, US
[71] ALBANY ENGINEERED COMPOSITES, INC., US
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[86] 2016-09-01 (PCT/US2016/049936)
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[25] EN
[54] **NOVEL PEPTIDES, COMBINATION OF PEPTIDES AND SCAFFOLDS FOR USE IN IMMUNOTHERAPEUTIC TREATMENT OF VARIOUS CANCERS**
[54] **NOUVEAUX PEPTIDES, COMBINAISONS DE PEPTIDES ET SUPPORTS POUR UTILISATION DANS LE TRAITEMENT IMMUNOTHERAPEUTIQUE DE DIVERS CANCERS**
[72] MAHR, ANDREA, DE
[72] WEINSCHENK, TONI, DE
[72] SCHOOR, OLIVER, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, US
[71] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[86] 2016-08-26 (PCT/EP2016/070146)
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[25] EN
[54] **VOLUTE DESIGN FOR LOWER MANUFACTURING COST AND RADIAL LOAD REDUCTION**
[54] **CONCEPTION DE VOLUTE POUR COUT DE FABRICATION PLUS BAS ET REDUCTION DE LA CHARGE RADIALE**
[72] RUZICA, PAUL J., US
[71] FLUID HANDLING LLC, US
[85] 2018-02-26
[86] 2016-09-06 (PCT/US2016/050412)
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[54] **DOWNHOLE FLUID FLOW CONTROL SYSTEM AND METHOD HAVING AUTONOMOUS FLOW CONTROL**
[54] **SYSTEME DE REGLAGE DE DEBIT DE FLUIDE EN FOND DE TROU ET PROCEDE AYANT UN REGLAGE DE DEBIT AUTONOME**
[72] ZHAO, LIANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-27
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[54] **PROCESS LAUNCH, MONITORING AND EXECUTION CONTROL**
[54] **COMMANDE DE LANCEMENT, SURVEILLANCE ET EXECUTION DE PROCESSUS**
[72] HOOKS, DAVID EUGENE, US
[71] NEHEMIAH SECURITY, US
[85] 2018-02-28
[86] 2016-09-02 (PCT/US2016/050145)
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[30] US (62/213,329) 2015-09-02

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[25] EN
[54] **SYSTEMS AND METHODS FOR TREATMENT OF WATER, SUCH AS OILFIELD WASTEWATER, VIA CHEMICAL COAGULATION**
[54] **SYSTEMES ET PROCEDES POUR LE TRAITEMENT DE L'EAU, PAR EXEMPLE DES EAUX USEES DE CHAMP PETROLIFERE, PAR COAGULATIION CHIMIQUE**
[72] GOVINDAN, PRAKASH NARAYAN, US
[72] ST. JOHN, MAXIMUS G., US
[72] LAM, STEVEN, US
[72] ANDREWS, JONN-ROSS, US
[71] GRADIANT CORPORATION, US
[85] 2018-02-28
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[30] US (62/215,717) 2015-09-08

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[25] EN
[54] **SYSTEMS AND TECHNIQUES FOR AGGREGATION, DISPLAY, AND SHARING OF DATA**
[54] **SYSTEMES ET TECHNIQUES POUR L'AGREGATION, L'AFFICHAGE, ET LE PARTAGE DE DONNEES**
[72] GRECO, MICHAEL A., US
[72] PULASKI, MICHAEL J., JR., FR
[72] HEINRICH, LUC A., FR
[72] BRADLEY, PATRICK J., US
[72] CHAILLEUX, ALEXANDRE, FR
[72] PHELPS, STEVEN D., US
[72] MATSUMOTO, RONALD ALLEN, US
[72] PACINI, DAVID J., US
[71] SYNTHRO INC., US
[85] 2018-02-27
[86] 2016-09-03 (PCT/US2016/050308)
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[30] US (62/214,077) 2015-09-03

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[25] EN
[54] **CYANO THIENOTRIAZOLODIAZEPINES AND USES THEREOF**
[54] **CYANO-THIENOTRIAZOLOAZEPINES ET LEURS UTILISATIONS**
[72] BRADNER, JAMES E., US
[72] TANAKA, MINORU, US
[72] BUCKLEY, DENNIS, US
[72] QI, JUN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-02-27
[86] 2016-09-09 (PCT/US2016/051107)
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[30] US (62/217,521) 2015-09-11

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[51] **Int.Cl. A61K 31/201 (2006.01) A61K 31/365 (2006.01) A61K 31/436 (2006.01)**
[25] EN
[54] **METHODS FOR TREATMENT OF DISEASES**
[54] **METHODES DE TRAITEMENT DE MALADIES**
[72] GELBER, COHAVA, US
[71] SERPIN PHARMA, LLC, US
[85] 2018-02-27
[86] 2016-08-26 (PCT/US2016/048999)
[87] (WO2017/040287)
[30] US (62/211,296) 2015-08-28

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[25] EN
[54] **ACETAMIDE THIENOTRIAZOLODIAZEPINES AND USES THEREOF**
[54] **ACETAMIDE THIENOTRIAZOLDIAZEPINES ET LEURS UTILISATIONS**
[72] BRADNER, JAMES E., US
[72] TANAKA, MINORU, US
[72] QI, JUN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-02-27
[86] 2016-09-09 (PCT/US2016/051017)
[87] (WO2017/044792)
[30] US (62/217,544) 2015-09-11

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[51] **Int.Cl. A61K 31/496 (2006.01) A61K 31/501 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **INHIBITORS OF CYCLIN-DEPENDENT KINASES**
[54] **INHIBITEURS DE KINASES CYCLINE-DEPENDANTES**
[72] HAO, MINGFENG, US
[72] GRAY, NATHANAEL S., US
[72] ZHANG, TINGHU, US
[72] KWIATKOWSKI, NICHOLAS P., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2018-02-27
[86] 2016-09-09 (PCT/US2016/051118)
[87] (WO2017/044858)
[30] US (62/216,271) 2015-09-09

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[54] **ABRI EXPANSIBLE A ARMATURE A AIR**
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[54] **PROCEDE DE TRAITEMENT THERMIQUE DE TISSUS BIOLOGIQUES AU MOYEN DE SOURCES D'ENERGIE PULSEES**
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[72] CHANG, DAVID B., US
[72] MARGOLIS, BENJAMIN W. L., US
[71] OJAI RETINAL TECHNOLOGY, LLC, US
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[54] **MODIFICATION OF THE DYSTROPHIN GENE AND USES THEREOF**
[54] **MODIFICATION DU GENE DE LA DYSTROPHINE ET SES UTILISATIONS**
[72] TREMBLAY, JACQUES P., CA
[72] IYOMBE-ENGEMBE, JEAN-PAUL, CA
[72] CHAPDELAINE, PIERRE, CA
[71] UNIVERSITE LAVAL, CA
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[54] **GEL HYDROPHILE POUR ADMINISTRATION TOPIQUE D'ACIDE 5-AMINOLEVULINIQUE**
[72] SOLIOZ, ANDRE, CH
[72] STOWASSER, FRANK, CH
[72] ZIMMER, ARMIN, DE
[71] ZIMMER MEDIZINSYSTEME GMBH, DE
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[54] **STRUCTURE DE FONDATION EN POTEAUX EN BOIS**
[72] REELICK, JOHN MATTHIAS, NZ
[71] FELLROCK DEVELOPMENTS LIMITED, NZ
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[54] **PLURIPOTENT STEM CELL PRODUCTION SYSTEM**
[54] **SYSTEME DE PRODUCTION DE CELLULES SOUCHES PLURIPOTENTES**
[72] TANABE, KOJI, US
[72] KELLY, BRENDAN, US
[72] SUTO, KENTA, US
[72] SHIMODA, HIDENORI, US
[72] HIRAIDE, RYOJI, US
[71] I PEACE, INC., US
[71] TANABE, KOJI, US
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[54] **BI-HETEROARYLE 1,4-BENZODIAZEPINES SUBSTITUEES ET LEURS UTILISATIONS POUR LE TRAITEMENT DU CANCER**
[72] ANGIBAUD, PATRICK RENE, FR
[72] BROGGINI, DIEGO FERNANDO DOMENICO, CH
[72] CUYCKENS, FILIP ALBERT C., BE
[72] HOSTYN, STEVEN ANNA, BE
[72] JONES, RUSSELL MARK, CH
[72] QUEROLLE, OLIVIER ALEXIS GEORGES, FR
[72] VERMEULEN, WIM, BE
[71] JANSSEN PHARMACEUTICA NV, BE
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[54] **APPAREIL ET PROCEDE POUR THERAPIE DE STIMULATION OCULAIRE PAR MICROCOURANTS**
[72] MOWERY, BLAIR, US
[72] MASKO, MARSHALL, US
[72] JARDING, JOHN, US
[72] TAPP, GARY, US
[71] AMERIVISION INTERNATIONAL, INC., US
[85] 2018-02-27
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[54] **CREMAILLERE D'OUTILLAGE POUR TIGES DE FORAGE**
[72] EKSTEEN, HENDRIK NICOLAAS BASSON, ZA
[71] IHC MARINE AND MINERAL PROJECTS (PROPRIETARY) LIMITED, ZA
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[54] **MOLECULES DE FUSION D'ECTODOMAINES DU RECEPTEUR DU TGF-B ET LEURS UTILISATIONS**
[72] ZWAAGSTRA, JOHN C., CA
[72] SULEA, TRAIAN, CA
[72] JARAMILLO, MARIA, CA
[72] O'CONNOR, MAUREEN D., CA
[72] LENFERINK, ANNE E.G., CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **CHARNIERE ET SUPPORT DE CHARNIERE**
[72] YAMAGUCHI, KOUSHI, JP
[71] SUGATSUNE KOGYO CO., LTD., JP
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[54] **DOWNHOLE BARRIER DELIVERY DEVICE**
[54] **DISPOSITIF DE REMISE DE BARRIERE DE FOND DE TROU**
[72] WEBB, EARL DON, US
[72] EYE, MATTHEW GABRIEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **EXHAUST-GAS TREATMENT EQUIPMENT AND GAS-CAPTURE-MATERIAL DETERIORATION-STATE ESTIMATING METHOD**
[54] **EQUIPEMENT DE TRAITEMENT DE GAZ D'ECHAPPEMENT ET PROCEDE D'ESTIMATION D'ETAT DE DETERIORATION DE MATERIAU DE CAPTURE DE GAZ**
[72] YOSHIKAWA, KOHEI, JP
[72] KANEEDA, MASATO, JP
[72] NAKAMURA, HIDEHIRO, JP
[71] HITACHI CHEMICAL COMPANY, LTD., JP
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[54] **SYSTEME ET PROCEDE PASSIFS D'AERATION ET DE REDUCTION DE L'HUMIDITE DANS UNE CAVITE DE FENETRE**
[72] MONFETTE, STEPHANE, CA
[71] BOMBARDIER INC., CA
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[54] **LOW FRICTION SLIDE MEMBER**
[54] **ELEMENT COULISSANT A FAIBLE FORCE DE FROTTEMENT**
[72] ANDERSSON, BENNY, SE
[71] IKEA SUPPLY AG, CH
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[25] EN
[54] **TISSUE EXCISION DEVICE WITH ANCHOR STABILITY ROD AND ANCHOR STABILITY ROD**
[54] **DISPOSITIF D'EXCISION DE TISSU AVEC TIGE DE STABILITE D'ANCRAGE ET TIGE DE STABILITE D'ANCRAGE**
[72] FLATLAND, MARTIN L., US
[71] SITESELECT INC., US
[85] 2018-02-28
[86] 2016-08-19 (PCT/US2016/047720)
[87] (WO2017/040064)
[30] US (62/211,549) 2015-08-28
[30] US (62/211,264) 2015-08-28
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[54] **FLEXIBLE SHAFT FOR HOLDING A TOOL OF ROTARY DRIVEN MOTION**
[54] **TIGE FLEXIBLE POUR MAINTENIR UN OUTIL DE MOUVEMENT ENTRAINE EN ROTATION**
[72] KRAUSE, WILLIAM R., US
[72] EDWARDS, GARLAND, US
[71] FLEX TECHNOLOGY, INC., US
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[54] **METHODS FOR PLACING A BARRIER MATERIAL IN A WELLBORE TO PERMANENTLY LEAVE TUBING IN CASING FOR PERMANENT WELLBORE ABANDONMENT**
[54] **PROCEDES DE PLACEMENT D'UN MATERIAU FORMANT BARRIERE DANS UN PUITS DE FORAGE AFIN DE LAISSER LE TUBAGE DE FACON PERMANENTE DANS LE COFFRAGE POUR CESSATION PERMANENTE D'EXPLOITATION DE PUITS DE FORAGE**
[72] HANSEN, HENNING, ES
[72] GUDMESTAD, TARALD, NO
[71] AARBAKKE INNOVATION A.S., NO
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[54] **CACHET GARANTI DESTINE A DES COMPTEURS DE CONSOMMATION D'ENERGIE ELECTRIQUE NON OUVRABLES**
[72] ITURRIA AVALOS, DARIO, MX
[72] ITURRIA MACAZAGA, GUILLERMO, MX
[71] ITURRIA AVALOS, DARIO, MX
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[25] EN
[54] **METHOD OF FORMING A BONDED PACKAGE GUSSET**
[54] **PROCEDE DE FORMATION D'UN SOUFFLET D'EMBALLAGE CONTRECOLLE**
[72] ROMENESKO, SCOTT, US
[71] HUDSON-SHARP MACHINE COMPANY, US
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[25] EN
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[54] **BUSES ET PROCEDES DE MELANGE D'ECOULEMENTS DE FLUIDE**
[72] HOXIE, ALISON, US
[72] STRYKOWSKI, PAUL JOHN, US
[72] SRINIVASAN, VINOD, US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
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[54] **ISING MODEL QUANTUM COMPUTATION DEVICE**
[54] **APPAREIL DE CALCUL QUANTIQUE DE MODELE D'ISING**
[72] INAGAKI, TAKAHIRO, JP
[72] TAKESUE, HIROKI, JP
[72] HONJO, TOSHIMORI, JP
[72] UTSUNOMIYA, SHOKO, JP
[72] YAMAMOTO, YOSHIHISA, JP
[72] HARIBARA, YOSHITAKA, JP
[72] TAMATE, SHUHEI, JP
[72] IGARASHI, KOJI, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[71] INTER-UNIVERSITY RESEARCH INSTITUTE CORPORATION RESEARCH ORGANIZATION OF INFORMATION AND SYSTEMS, JP
[71] OSAKA UNIVERSITY, JP
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[25] EN
[54] **GLASS SUBSTRATES WITH TOUCHSCREEN TECHNOLOGY**
[54] **SUBSTRATS EN VERRE A TECHNOLOGIE D'ECRAN TACTILE**
[72] HARRIS, PATRICK, CA
[72] SEFFER, RASTISLAV, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
[85] 2018-02-28
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[25] EN
[54] **CABLES AND WIRES HAVING CONDUCTIVE ELEMENTS FORMED FROM IMPROVED ALUMINUM-ZIRCONIUM ALLOYS**
[54] **CABLES ET FILS A ELEMENTS CONDUCTEURS FORMES A PARTIR D'ALLIAGES AMELIORES D'ALUMINIUM-ZIRCONIUM**
[72] SIRIPURAPU, SRINIVAS, US
[72] MUOJEKWU, CORNELIUS A., US
[72] SEKUNDA, JANUSZ STANISLAW, US
[72] BAKER, RICHARD STEPHEN, US
[72] DUER, NICHOLAS JOHN, US
[72] VO, NHON Q., US
[71] GENERAL CABLE TECHNOLOGIES CORPORATION, US
[71] NANOAL LLC, US
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[54] **MIXED-REALITY ARCHITECTURAL DESIGN ENVIRONMENT**
[54] **ENVIRONNEMENT DE CONCEPTION ARCHITECTURALE A REALITE MIXTE**
[72] LOBERG, BARRIE A., CA
[72] HOWELL, JOSEPH, US
[72] BLODGETT, ROBERT, US
[72] STANNUS, SIMON FRANCIS, US
[72] HIBBERD, MATTHEW, GB
[72] WEST, TYLER, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
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[25] EN
[54] **COSMETIC**
[54] **PRODUIT COSMETIQUE**
[72] HOMMA, IKUE, JP
[72] SHIMAOKA, TAKAYUKI, JP
[72] MURAKOSO, KEIKO, JP
[72] UKA, AKIHITO, JP
[71] OJI HOLDINGS CORPORATION, JP
[71] NIKKO CHEMICALS CO., LTD., JP
[71] COSMOS TECHNICAL CENTER CO., LTD., JP
[85] 2018-02-28
[86] 2016-08-04 (PCT/JP2016/072961)
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[30] JP (2015-154035) 2015-08-04
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[54] **METHODS OF CONTROLLING WELL BASHING**
[54] **PROCEDES DE LIMITATION D'UNE COMMUNICATION ENTRE PUITS**
[72] INYANG, UBONG, US
[72] SINGH, DIPTI, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-22
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[54] **HORIZONTAL SCAFFOLD SUPPORT COMPONENT**
[54] **ELEMENT DE SUPPORT D'ECHAFAUDAGE HORIZONTAL**
[72] ROGERS, PETER, US
[71] ATLANTIC PACIFIC EQUIPMENT, INC., US
[85] 2018-02-28
[86] 2016-09-02 (PCT/US2016/050127)
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[30] US (62/213,186) 2015-09-02

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[51] **Int.Cl. C08L 23/04 (2006.01) C08J 3/20 (2006.01) C08K 5/098 (2006.01)**
[25] EN
[54] **POLYMER COMPOSITION FOR FORMING A MELT-EXTRUDED FILM AND COMPOSITES THEREOF**
[54] **COMPOSITION POLYMERE POUR LA FORMATION D'UN FILM EXTRUDE A L'ETAT FONDU ET COMPOSITES ASSOCIES**
[72] HALEY, JEFFREY CHARLES, US
[72] WEBER, ROBERT, US
[72] SUMAGUE, MYRA, US
[72] HAIR, DIRK, US
[71] CELANESE EVA PERFORMANCE POLYMERS CORPORATION, US
[85] 2018-02-22
[86] 2016-08-22 (PCT/US2016/047994)
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[30] US (62/209,943) 2015-08-26
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[25] EN
[54] **CAMERA SYSTEM AND METHOD FOR ALIGNING IMAGES AND PRESENTING A SERIES OF ALIGNED IMAGES**
[54] **SYSTEME DE CAMERA ET PROCEDE D'ALIGNEMENT D'IMAGES ET DE PRESENTATION D'UNE SERIE D'IMAGES ALIGNEES**
[72] SALIMPOUR, ARIELLA, US
[72] GILMORE, MICHAEL, US
[72] SWARTZ, DAVID, US
[72] MALTIN, ANDREW, US
[71] THUMBROLL LLC, US
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[25] EN
[54] **ALKYL POLYGLYCOSIDE SURFACTANTS FOR USE IN SUBTERRANEAN FORMATIONS**
[54] **TENSIOACTIFS A BASE D'ALKYLPOLYGLYCOSIDE UTILES DANS DES FORMATIONS SOUTERRAINES**
[72] HE, KAI, US
[72] PENG, YANG, US
[72] YUE, ZHIWEI, US
[72] XU, LIANG, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD AND APPARATUS FOR PLAYING VIDEO CONTENT FROM ANY LOCATION AND ANY TIME**
[54] **METHODE ET APPAREIL DE LECTURE DE CONTENU VIDEO A PARTIR DE PARTOUT ET EN TOUT TEMPS**
[72] LIAN, SHIGUO, CN
[72] QU, ZHAN, CN
[72] HUANG, XUEYAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-02-28
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[30] CN (201510543434.0) 2015-08-29

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[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING WIRELESS LOCAL AREA NETWORK INFORMATION**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION D'INFORMATIONS DE RESEAU LOCAL SANS FIL**
[72] LIN, MEILU, CN
[72] GAN, MING, CN
[72] LIU, LE, CN
[72] ZHU, JUN, CN
[72] YU, JIAN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD. CN
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[25] EN
[54] **INFORMATION TRANSMISSION METHOD AND APPARATUS IN WIRELESS LOCAL AREA NETWORK**
[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION D'INFORMATIONS POUR UN RESEAU LOCAL SANS FIL**
[72] XIANG, ZHENGZHENG, CN
[72] ZHU, JUN, CN
[72] ZHANG, JIAYIN, CN
[72] PANG, JIYONG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **2,4-BIS(NITROGEN-CONTAINING GROUP)-SUBSTITUTED PYRIMIDINE COMPOUND, PRE PARATION METHOD AND USE THEREOF**
[54] **COMPOSE PYRIMIDINE A SUBSTITUTION 2,4-DI-(GROUPE AZOTE), SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] CAI, XIONG, CN
[72] QIAN, CHANGGENG, CN
[72] WENG, YUNWO, CN
[72] LIU, BIN, CN
[72] WANG, YANYAN, CN
[72] LIN, MINGSHENG, CN
[72] LI, JUNQI, CN
[72] QING, YUANHUI, CN
[72] YOU, HUAJIN, CN
[72] ZHOU, SHIQING, CN
[72] XUE, WEICAI, CN
[71] GUANGZHOU BEBETTER MEDICINE TECHNOLOGY CO., LTD., CN
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[25] EN
[54] **SYSTEMS, DEVICES, AND METHODS FOR INTRODUCING ADDITIVES TO A PRESSURISED VESSEL**
[54] **SYSTEMES, DISPOSITIFS, ET PROCEDES D'INTRODUCTION D'ADDITIFS DANS UN RECIPIENT SOUS PRESSION**
[72] DROMGOOL, MATTHEW CHARLES, NZ
[72] WATSON, BRIAN, NZ
[71] NATURAL BREW INC, NZ
[85] 2018-02-28
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[54] **METHOD AND SYSTEM FOR ANALYSIS OF SAMPLES USING LASER INDUCED BREAKDOWN SPECTROSCOPY**
[54] **PROCEDE ET SYSTEME D'ANALYSE D'ECHANTILLONS UTILISANT LA SPECTROSCOPIE PAR CLAQUAGE INDUIT PAR ECLAIR LASER**
[72] OZCAN, LUTFU CELEBI, CA
[72] DOUCET, FRANCOIS, CA
[71] ELEMISSION INC., CA
[85] 2018-02-28
[86] 2016-09-02 (PCT/IB2016/055289)
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[54] **VEHICLE POSITION ESTIMATION DEVICE, VEHICLE POSITION ESTIMATION METHOD**
[54] **DISPOSITIF D'ESTIMATION DE POSITION DE VEHICULE ET PROCEDE D'ESTIMATION DE POSITION DE VEHICULE**
[72] ASAI, TOSHIHIRO, JP
[71] NISSAN MOTOR CO., LTD., JP
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[25] EN
[54] **PROBE DATA COLLECTION METHOD AND PROBE DATA COLLECTION DEVICE**
[54] **PROCEDE DE COLLECTE DE DONNEES DE SONDE ET DISPOSITIF DE COLLECTE DE DONNEES DE SONDE**
[72] NAKAMURA, MASAHIDE, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-28
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[25] EN
[54] **PHOTOCURABLE RESIN COMPOSITION, FUEL CELL, AND SEALING METHOD**
[54] **COMPOSITION DE RESINE PHOTODURCISSABLE, PILE A COMBUSTIBLE, ET PROCEDE D'ETANCHEITE**
[72] SOGA, TETSUNORI, JP
[72] ANAI, MAO, JP
[71] THREEBOND CO., LTD., JP
[85] 2018-02-28
[86] 2016-08-01 (PCT/JP2016/072552)
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[25] EN
[54] **SMALL ENGINE TRANSPORTER DEVICE**
[54] **DISPOSITIF DE TRANSPORTEUR DE PETIT MOTEUR**
[72] BANKS, GEORGE J., US
[71] BANKS, GEORGE J., US
[85] 2018-02-22
[86] 2016-05-16 (PCT/US2016/032786)
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[25] EN
[54] **ARTHROSCOPIC SURGICAL DEVICE**
[54] **DISPOSITIF CHIRURGICAL ARTHROSCOPIQUE**
[72] ROSNER, DROR, IL
[72] HARARI, BOAZ, IL
[72] RAZ, RONEN, IL
[72] MRAZ, PAUL, US
[71] MININVASIVE LTD., IL
[85] 2018-02-28
[86] 2015-09-24 (PCT/IL2015/050978)
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[54] **NOVEL PYRAZOLO[3,4-D]PYRIMIDINE COMPOUND OR SALT THEREOF**
[54] **NOUVEAU COMPOSE PYRROLO[3,4-D]PYRIMIDINE OU SEL CORRESPONDANT**
[72] KAWAI, YUICHI, JP
[72] IRIE, HIROKI, JP
[72] SAGARA, TAKESHI, JP
[72] MIYADERA, KAZUTAKA, JP
[71] TAIHO PHARMACEUTICAL CO., LTD., JP
[85] 2018-02-28
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[87] (WO2017/038838)
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[25] EN
[54] **FREE POLYUNSATURATED FATTY ACID-CONTAINING COMPOSITION AND MANUFACTURING METHOD THEREFOR**
[54] **COMPOSITION COMPRENANT UN ACIDE GRAS POLYINSATURE LIBRE, ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] KOSUGE, YUHEI, JP
[72] YAMAGUCHI, HIDEAKI, JP
[72] DOISAKI, NOBUSHIGE, JP
[71] NIPPON SUISAN KAISHA, LTD., JP
[85] 2018-02-28
[86] 2016-08-31 (PCT/JP2016/075444)
[87] (WO2017/038860)
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[54] **EMETTEUR-RECEPTEUR HYBRIDE POUR TELEMESURE DE FOND DE TROU**
[72] MA, JIN, SG
[72] WILSON, GLENN A., SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-28
[86] 2015-10-21 (PCT/US2015/056707)
[87] (WO2017/069753)

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[25] EN
[54] **CLADDING SYSTEM**
[54] **SYSTEME DE REVETEMENT**
[72] AUSSEUR, FREDERIC, CA
[72] BOUCHARD, MICHEL, CA
[72] CASTONGUAY, BERTIN, CA
[72] ASSAD, NADER, CA
[72] LATOUR, MARTIN, CA
[71] OLDCASTLE BUILDING PRODUCTS CANADA INC., CA
[85] 2018-02-28
[86] 2016-09-09 (PCT/CA2016/051065)
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[30] US (62/217,439) 2015-09-11

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[25] EN
[54] **COMPUTER DOCKING STATION**
[54] **STATION D'ACCUEIL D'ORDINATEUR**
[72] VOLEK, ROBERT, US
[72] BENDER, STEVE, US
[71] HUMANSCALE CORPORATION, US
[85] 2018-02-28
[86] 2016-06-11 (PCT/US2016/037107)
[87] (WO2017/039776)
[30] US (62/212,828) 2015-09-01
[30] US (15/179,705) 2016-06-10

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[51] **Int.Cl. H04N 21/254 (2011.01) H04N 21/266 (2011.01) H04N 21/472 (2011.01)**
[25] EN
[54] **SYSTEM AND CORRESPONDING METHOD FOR FACILITATING APPLICATION OF A DIGITAL VIDEO-EFFECT TO A TEMPORAL PORTION OF A VIDEO SEGMENT**
[54] **SYSTEME ET PROCEDE CORRESPONDANT POUR FACILITER L'APPLICATION D'UN EFFET VIDEO NUMERIQUE A UNE PARTIE TEMPORELLE D'UN SEGMENT VIDEO**
[72] PROPST, SCOTT ALLAN, US
[72] LASHER, DANA A., US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2018-02-28
[86] 2016-07-01 (PCT/US2016/040623)
[87] (WO2017/052716)
[30] US (14/864,646) 2015-09-24

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[51] **Int.Cl. C10G 29/22 (2006.01) B01D 53/52 (2006.01) C01B 17/16 (2006.01) C07C 43/03 (2006.01) C07C 43/10 (2006.01) C07C 43/13 (2006.01) C07C 43/14 (2006.01) C07C 43/178 (2006.01) C10G 21/16 (2006.01) C10G 29/00 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **HYDROCARBON SOLUBLE/DISPERSIBLE HEMIFORMALS AS HYDROGEN SULFIDE SCAVENGERS**
[54] **HEMIFORMALS DOUES DE SOLUBILITE/DISPERSION DANS DES HYDROCARBURES A TITRE DE PIEGEURS DE SULFURE D'HYDROGENE**
[72] RANA, GEETA, US
[72] BURRELL, CHRISTOPHER THOMAS, US
[71] ECOLAB USA INC., US
[85] 2018-02-28
[86] 2016-08-12 (PCT/US2016/046832)
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[51] **Int.Cl. G06K 9/00 (2006.01) G01S 7/52 (2006.01) G01S 15/89 (2006.01)**
[25] EN
[54] **RECEIVE-SIDE BEAM FORMING FOR AN ULTRASONIC IMAGE SENSOR**
[54] **FORMATION DE FAISCEAU COTE RECEPTION POUR UN CAPTEUR D'IMAGE ULTRASONORE**
[72] DJORDJEV, KOSTADIN DIMITROV, US
[72] DAFT, CHRISTOPHER MARK WILLIAM, US
[72] BURNS, DAVID WILLIAM, US
[72] HINGER, ASHISH, US
[72] PANCHAWAGH, HRISHIKESH VIJAYKUMAR, US
[71] QUALCOMM INCORPORATED, US
[85] 2018-02-28
[86] 2016-08-12 (PCT/US2016/046879)
[87] (WO2017/052836)
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[54] **TANK MAINTENANCE ACCESS CHAMBER**
[54] **CHAMBRE D'ACCES POUR L'ENTRETIEN DE RESERVOIRS**
[72] MARKHAM, LEE B., GB
[72] WEST, JOHN R., GB
[72] NELSON, BILL, US
[72] RIDGE, PAUL, GB
[71] FRANKLIN FUELING SYSTEMS, INC., US
[71] MARKHAM, LEE B., GB
[71] WEST, JOHN R., GB
[71] NELSON, BILL, US
[71] RIDGE, PAUL, GB
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[86] 2016-07-08 (PCT/US2016/041658)
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[30] US (62/212,943) 2015-09-01

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[25] EN
[54] **COMPOSITION FOR USE IN OILS**
[54] **COMPOSITION POUR UNE UTILISATION DANS DES HUILES**
[72] HUTCHISON, GREGORY SCOTT, US
[71] PHILLIPS 66 COMPANY, US
[85] 2018-02-28
[86] 2016-08-30 (PCT/US2016/049485)
[87] (WO2017/040522)
[30] US (62/213,730) 2015-09-03
[30] US (15/251,787) 2016-08-30

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[25] EN
[54] **FREE-POLYUNSATURATED-FATTY-ACID-CONTAINING COMPOSITION AND METHOD FOR MANUFACTURING SAME**
[54] **COMPOSITION CONTENANT DES ACIDES GRAS POLYINSATURES LIBRES ET SON PROCEDE DE FABRICATION**
[72] YAMAGUCHI, HIDEAKI, JP
[72] DOISAKI, NOBUSHIGE, JP
[72] SATO, SEIZO, JP
[72] KOSUGE, YUHEI, JP
[71] NIPPON SUISAN KAISHA, LTD., JP
[85] 2018-02-28
[86] 2016-08-31 (PCT/JP2016/075445)
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[51] **Int.Cl. A61B 5/0402 (2006.01) A61B 5/0408 (2006.01)**
[25] EN
[54] **WIRELESS MEDICAL EVALUATION DEVICE**
[54] **DISPOSITIF D'EVALUATION MEDICAL SANS FIL**
[72] SAJWAN, RAVINDER, US
[72] BHARGAVA, MANOJ, US
[72] ALCORN, TIMOTHY, US
[71] RENEW GROUP PTE LTD, SG
[85] 2018-02-28
[86] 2016-08-31 (PCT/US2016/049597)
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[30] US (62/211,915) 2015-08-31
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[25] EN
[54] **INFLOW CHANNEL**
[54] **CANAL D'ENTREE**
[72] AASHEIM, ROBERT, NO
[72] BREU, DOMINIK ANDREAS, CH
[72] NIELSEN, FRANK MOLLER, NO
[72] BUGTEN, BJARNE, NO
[72] JOHANNESSEN, KJETIL, NO
[72] IDSO, EINAR SKAVLAND, NO
[72] VOLD, LISBETH, NO
[71] STATOIL PETROLEUM AS, NO
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[54] **METHODS AND COMPOSITIONS FOR DETECTING RISK OF CANCER RELAPSE**
[54] **PROCEDES ET COMPOSITIONS POUR DETECTER UN RISQUE DE RECHUTE DE CANCER**
[72] VAN DEN BRINK, MARCEL, US
[72] JENQ, ROBERT, US
[72] U. PELED, JONATHAN, US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[85] 2018-02-28
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[25] EN
[54] **METHOD OF PROPPING CREATED FRACTURES AND MICROFRACTURES IN TIGHT FORMATION**
[54] **PROCEDE DE SOUTENEMENT DE FRACTURES ET MICROFRACTURES CREEES DANS UNE FORMATION SERREE**
[72] DUSTERHOFT, RONALD GLEN, US
[72] SINGH, DIPTI, US
[72] NGUYEN, PHILIP D., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-28
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[25] EN
[54] **ANTI-SURVIVIN ANTIBODIES FOR CANCER THERAPY**
[54] **ANTICORPS ANTI-SURVIVINE POUR LE TRAITEMENT DU CANCER**
[72] FENSTERMAKER, ROBERT A., US
[72] CIESIELSKI, MICHAEL J., US
[71] HEALTH RESEARCH, INC., US
[85] 2018-02-28
[86] 2016-09-06 (PCT/US2016/050391)
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[25] EN
[54] **LYMPH DIRECTING PRODRUGS**
[54] **PROMEDICAMENTS CIBLANT LA LYMPHE**
[72] PORTER, CHRIS, AU
[72] SIMPSON, JAMIE, US
[72] TREVASKIS, NATALIE, AU
[72] QUACH, TIM, AU
[72] HAN, SIFEI, AU
[72] HU, LUOJUAN, AU
[71] MONASH UNIVERSITY, AU
[85] 2018-03-01
[86] 2016-09-08 (PCT/AU2016/050845)
[87] (WO2017/041139)
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[54] **KIT DENTAIRE**
[72] VLADILA, BOGDAN CONSTANTIN, RO
[71] DENTICARE IMPLANTOLOGY CENTER S.R.L., RO
[85] 2018-02-28
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[30] RO (a 2015 00629) 2015-09-01

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[51] **Int.Cl. H01M 8/0243 (2016.01) H01M 8/0234 (2016.01) H01M 8/0239 (2016.01) H01M 8/1018 (2016.01)**
[25] EN
[54] **LOW-COST, HIGH-PERFORMANCE COMPOSITE BIPOLAR PLATE**
[54] **PLAQUE BIPOLAIRE COMPOSITE HAUTES PERFORMANCES, DE FAIBLE COUT**
[72] RESTREPO, DAVID, US
[72] MCINNIS, MATT, US
[72] CHRISTIANSEN, SEAN, US
[72] BULLINGTON, JEFF, US
[71] GARMOR INC., US
[85] 2018-03-01
[86] 2016-09-16 (PCT/US2016/052292)
[87] (WO2017/053204)
[30] US (62/221,157) 2015-09-21

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[25] EN
[54] **A GOLF TEACHING SET IN THE FORM OF A SUBCONSCIOUS HABIT**
[54] **ENSEMBLE D'ENSEIGNEMENT DU GOLF SOUS LA FORME D'UNE HABITUDE SUBCONSCIENTE**
[72] MARES, OTAKAR, CZ
[71] ZERO GOLF S. R. O., CZ
[85] 2018-02-27
[86] 2016-08-25 (PCT/IB2016/055068)
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[30] CZ (CZ 2015-580) 2015-08-27

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[51] **Int.Cl. A61K 36/55 (2006.01) A61K 31/05 (2006.01)**
[25] EN
[54] **USE OF SECOISOLARICIRESINOL DIGLUCOSIDES (SDGS) AND RELATED COMPOUNDS FOR PROTECTION AGAINST RADIATION DAMAGE**
[54] **UTILISATION DE DIGLUCOSIDES DE SECOISOLARICIRESINOL (SDG) ET COMPOSES APPARENTES POUR LA PROTECTION CONTRE DES LESIONS DUES AUX RAYONNEMENTS**
[72] CHRISTOFIDOU-SOLOMIDOU, MELPO, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2018-02-28
[86] 2016-08-31 (PCT/US2016/049780)
[87] (WO2017/040718)
[30] US (62/212,898) 2015-09-01

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[51] **Int.Cl. E21B 47/02 (2006.01) E21B 47/0228 (2012.01) E21B 47/022 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS EMPLOYING A ROTATING MAGNET AND FIBER OPTIC SENSORS FOR RANGING**
[54] **PROCEDES ET SYSTEMES UTILISANT UN AIMANT MOBILE ET DES CAPTEURS A FIBRE OPTIQUE POUR TELEMETRIE**
[72] AHMADI KALATEH AHMAD, AKRAM, US
[72] DONDERICI, BURKAY, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2015-10-29 (PCT/US2015/058128)
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[25] EN
[54] **WIND TURBINE BLADE WITH POCKET-SHAPED DRAG PORTION, REVERSED-ORIENTATION AIRFOIL TRAILING SAME, AND AUXILIARY BLADE SUPPORTS**
[54] **PALE DE TURBINE EOLIENNE AVEC PARTIE DE TRAINEE EN FORME DE POCHE, PROFIL AERODYNAMIQUE A ORIENTATION INVERSEE, ET SUPPORTS DE PALE AUXILIAIRES**
[72] IRELAND, BARRY ROSS, CA
[71] KELSO ENERGY LTD., CA
[85] 2018-03-01
[86] 2016-09-01 (PCT/CA2016/051036)
[87] (WO2017/035655)
[30] US (62/213,184) 2015-09-02

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[51] **Int.Cl. G06F 21/00 (2013.01) G06F 15/00 (2006.01)**
[25] EN
[54] **SECURE PERMISSIONING OF ACCESS TO USER ACCOUNTS, INCLUDING SECURE DEAUTHORIZATION OF ACCESS TO USER ACCOUNTS**
[54] **AUTORISATION SECURISEE D'UN ACCES A DES COMPTES D'UTILISATEUR, COMPRENANT LA SUPPRESSION D'AUTORISATION SECURISEE D'UN ACCES A DES COMPTES D'UTILISATEUR**
[72] HOCKEY, WILLIAM, US
[72] KELLY, MICHAEL, US
[71] PLAID TECHNOLOGIES, INC., US
[85] 2018-03-01
[86] 2016-09-07 (PCT/US2016/050536)
[87] (WO2017/044479)
[30] US (62/215,603) 2015-09-08
[30] US (62/267,508) 2015-12-15
[30] US (15/258,256) 2016-09-07
[30] US (15/258,262) 2016-09-07

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[51] **Int.Cl. H04N 9/64 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REAL-TIME TONE-MAPPING**
[54] **SYSTEME ET PROCEDE DE MAPPAGE TONAL EN TEMPS REEL**
[72] UNGER, JONAS, SE
[72] EILERTSEN, GABRIEL, SE
[72] MANTIUK, RAFAL, GB
[71] IRYSTEC SOFTWARE INC., CA
[85] 2018-03-01
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[13] A1
[51] **Int.Cl. C12Q 1/68 (2018.01)**
[25] EN
[54] **MULTIVALENT PROBES HAVING SINGLE NUCLEOTIDE RESOLUTION**
[54] **SONDES MULTIVALENTES AYANT UNE RESOLUTION DE NUCLEOTIDE SIMPLE**
[72] KIM, DAE, US
[72] ROSS, PAUL MARTIN, US
[72] MEREDITH, GAVIN, US
[72] MANRAO, ELIZABETH A., US
[71] NANOSTRING TECHNOLOGIES, INC., US
[85] 2018-03-01
[86] 2016-09-06 (PCT/US2016/050376)
[87] (WO2017/041084)
[30] US (62/213,812) 2015-09-03
[30] US (62/292,690) 2016-02-08

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[51] **Int.Cl. C07K 19/00 (2006.01) A61K 38/00 (2006.01) A61P 9/00 (2006.01) A61P 29/00 (2006.01) C07K 14/46 (2006.01) C12N 15/09 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **LONG-ACTING ADRENOMEDULLIN DERIVATIVE**
[54] **DERIVE D'ADRENOMEDULLINE A ACTION PROLONGEE**
[72] KITAMURA, KAZUO, JP
[72] YAMASAKI, MOTOO, JP
[71] UNIVERSITY OF MIYAZAKI, JP
[85] 2018-03-01
[86] 2016-09-16 (PCT/JP2016/077543)
[87] (WO2017/047788)
[30] JP (2015-184685) 2015-09-18

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[51] **Int.Cl. A61K 38/00 (2006.01) A61K 38/16 (2006.01) A61K 38/17 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH AN ABNORMAL INFLAMMATORY RESPONSES**
[54] **METHODES ET COMPOSITIONS POUR LE TRAITEMENT D'ETATS PATHOLOGIQUES ASSOCIES A DES REPONSES INFLAMMATOIRES ANORMALES**
[72] GLICK, GARY D., US
[72] FRANCHI, LUIGI, US
[71] FIRST WAVE BIOPHARMA, US
[85] 2018-02-28
[86] 2016-09-01 (PCT/US2016/050012)
[87] (WO2017/040864)
[30] US (62/213,016) 2015-09-01
[30] US (62/241,508) 2015-10-14

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[51] **Int.Cl. C07C 407/00 (2006.01) A01N 37/16 (2006.01) C02F 1/72 (2006.01) C07C 409/24 (2006.01) C07C 409/26 (2006.01)**
[25] EN
[54] **PERFORMIC ACID ON-SITE GENERATOR AND FORMULATOR**
[54] **GENERATEUR ET FORMULATEUR SUR SITE D'ACIDE PERFORMIQUE**
[72] KRAUS, PAUL R., US
[72] CREW, BENJAMIN, US
[72] LI, JUNZHONG, US
[72] MCSHERRY, DAVID D., US
[72] BALASUBRAMANIAN, RAMAKRISHNAN, US
[72] STAUB, RICHARD, US
[72] KLECZEWSKI, ARIEL CHATMAN, US
[72] TRAN, MINH, US
[72] HANSON, CATHERINE, US
[72] YUNUS, IRWAN, US
[72] BRESHEARS, JEFFERY D., US
[72] BRUNNER, BRIAN PAUL, US
[71] ECOLAB USA INC., US
[85] 2018-02-28
[86] 2016-09-02 (PCT/US2016/050099)
[87] (WO2017/040920)
[30] US (62/214,340) 2015-09-04
[30] US (62/303,746) 2016-03-04

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[51] **Int.Cl. C10M 133/44 (2006.01) C10M 133/12 (2006.01)**
[25] EN
[54] **LUBRICATING OIL COMPOSITIONS CONTAINING AMIDINE ANTIOXIDANTS**
[54] **COMPOSITIONS D'HUILE LUBRIFIANTE CONTENANT DES ANTIOXYDANTS A BASE D'AMIDINE**
[72] QIAN, XUELEI LILY, US
[71] CHEVRON ORONITE COMPANY LLC, US
[85] 2018-02-28
[86] 2016-10-06 (PCT/US2016/055664)
[87] (WO2017/074672)
[30] US (14/928,050) 2015-10-30

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[51] **Int.Cl. A63B 55/00 (2015.01) A63B 55/60 (2015.01) A63B 57/00 (2015.01) B60W 30/08 (2012.01) G05D 1/00 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **ROBOTIC GOLF CADDY**
[54] **CHARIOT DE GOLF ROBOTISE**
[72] DOANE, DENNIS W., US
[72] DOANE, RICK M., US
[72] DOANE, TIMOTHY L., US
[72] DOANE, SHEA P., US
[72] NICOLA, ROBERT T., US
[72] BURNS, KENNETH M., US
[71] LEMMINGS LLC, US
[85] 2018-02-28
[86] 2016-10-14 (PCT/US2016/057002)
[87] (WO2017/066541)
[30] US (62/242,349) 2015-10-16

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[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **MICRODUCT COUPLING AND TERMINATION**
[54] **ACCOUPLEMENT ET TERMINAISON DE MICROCONDUITS**
[72] WAKILEH, GEORGE L., US
[72] LOPEZ, FEDERICO ZAMORA, CR
[72] MARTINEZ, RANDALL MARIN, CR
[72] GINN, CLIFFORD A., US
[71] COMMUNICATIONS SYSTEMS, INC., US
[85] 2018-02-28
[86] 2016-10-25 (PCT/US2016/058662)
[87] (WO2017/074935)
[30] US (62/247,478) 2015-10-28

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[13] A1
[51] **Int.Cl. A62B 35/00 (2006.01) E04G 21/32 (2006.01)**
[25] EN
[54] **SHUTTLE DEVICE**
[54] **DISPOSITIF DE NAVETTE**
[72] POLDMAA, ARVO, AU
[71] SAFETYLINK PTY LTD, AU
[85] 2018-02-28
[86] 2016-08-26 (PCT/AU2016/050790)
[87] (WO2017/035574)
[30] AU (2015903497) 2015-08-28

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[51] **Int.Cl. G01C 21/30 (2006.01)**
[25] EN
[54] **VEHICLE POSITION ESTIMATION DEVICE, VEHICLE POSITION ESTIMATION METHOD**
[54] **DISPOSITIF D'ESTIMATION DE POSITION DE VEHICULE, PROCEDE D'ESTIMATION DE POSITION DE VEHICULE**
[72] ASAI, TOSHIHIRO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-02-28
[86] 2015-08-28 (PCT/JP2015/004382)
[87] (WO2017/037752)

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[51] **Int.Cl. E21B 47/005 (2012.01) E21B 47/07 (2012.01) G01N 11/08 (2006.01)**
[25] EN
[54] **MEASUREMENT OF CEMENT PROPERTIES**
[54] **MESURE DES PROPRIETES DU CIMENT**
[72] HJULSTAD, ASMUND, NO
[72] BREVIK, JAN OVE, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2018-02-28
[86] 2016-08-26 (PCT/NO2016/050176)
[87] (WO2017/039455)
[30] GB (1515365.3) 2015-08-28

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[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01) E21B 44/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR OBTAINING AN EFFECTIVE BULK MODULUS OF A MANAGED PRESSURE DRILLING SYSTEM**
[54] **SYSTEME ET PROCEDE PERMETTANT D'OBTENIR UN MODULE DE COMPRESSIBILITE EFFECTIF D'UN SYSTEME DE FORAGE SOUS PRESSION CONTROLEE**
[72] MANUM, HENRIK, NO
[72] HJULSTAD, ASMUND, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2018-02-28
[86] 2016-09-02 (PCT/NO2016/050182)
[87] (WO2017/039459)
[30] GB (1515700.1) 2015-09-04

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[51] **Int.Cl. B01D 21/26 (2006.01) B04B 13/00 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **GAS-TIGHT CENTRIFUGE FOR VOC SEPARATION**
[54] **CENTRIFUGEUSE ETANCHE AUX GAZ DESTINE A SEPARER COMPOSES ORGANIQUES VOLATILS**
[72] ROSS, STAN, CA
[72] SUDLOW, PAUL, CA
[71] RECOVER ENERGY SERVICES INC., CA
[85] 2018-02-28
[86] 2016-08-23 (PCT/IB2016/055033)
[87] (WO2017/037569)
[30] US (62/212,754) 2015-09-01

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[51] **Int.Cl. E21B 47/01 (2012.01) E21B 47/017 (2012.01) E21B 17/00 (2006.01)**
[25] EN
[54] **HIGH-RESOLUTION-MOLDED MANDREL**
[54] **MANDRIN MOULE A HAUTE RESOLUTION**
[72] JAASKELAINEN, MIKKO, US
[72] PARK, BRIAN VANDELLYN, US
[72] BENJAMIN, SELDON DAVID, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-02-28
[86] 2015-11-02 (PCT/US2015/058550)
[87] (WO2017/078660)

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[51] **Int.Cl. C07H 19/10 (2006.01) C07H 19/06 (2006.01) C07H 19/073 (2006.01) C07H 19/16 (2006.01)**
[25] EN
[54] **PHOSPHORAMIDATE COMPOUND AND PREPARATION METHOD AND CRYSTAL THEREOF**
[54] **COMPOSE PHOSPHORAMIDATE, PROCEDE DE PREPARATION ET CRISTAL ASSOCIE**
[72] YUAN, JIANDONG, CN
[72] HUANG, YANGQING, CN
[72] MIAO, LINFENG, CN
[72] GU, JIANING, CN
[72] LIANG, CHAOHUA, CN
[72] WANG, ZHENGYE, CN
[72] SUN, ZHANLI, CN
[71] BRIGHTGENE BIO-MEDICAL TECHNOLOGY CO., LTD., CN
[85] 2018-03-01
[86] 2016-09-13 (PCT/CN2016/098845)
[87] (WO2017/045581)
[30] CN (201510588383.3) 2015-09-16

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[51] **Int.Cl. H04B 1/38 (2015.01) H04B 1/44 (2006.01) H04B 7/185 (2006.01) H04L 23/02 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR DIRECT-SAMPLE EXTREMELY WIDE BAND TRANSCEIVER**
[54] **SYSTEME ET PROCEDE POUR EMETTEUR-RECEPTEUR A BANDE EXTREMEMENT LARGE A ECHANTILLON DIRECT**
[72] GOODSON, ANTHONY P., US
[72] SAHR, JOHN D., US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2018-03-01
[86] 2016-09-02 (PCT/US2016/050261)
[87] (WO2017/041034)
[30] US (62/213,530) 2015-09-02

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[13] A1
[51] **Int.Cl. H01F 27/08 (2006.01) H01F 27/28 (2006.01) H01F 27/34 (2006.01)**
[25] EN
[54] **TRANSFORMER**
[54] **TRANSFORMATEUR**
[72] PICHKUR, YAROSLAV ANDREYEVITCH, US
[71] PICHKUR, YAROSLAV ANDREYEVITCH, US
[71] PICHKUR, DMYTRO, US
[85] 2018-02-28
[86] 2015-04-07 (PCT/US2015/024655)
[87] (WO2016/036420)
[30] US (62/046,782) 2014-09-05

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[51] **Int.Cl. B41M 5/00 (2006.01) B41J 3/407 (2006.01) B41M 7/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DIRECT PRINT HAVING IMPROVED RECYCLABILITY**
[54] **PROCEDES ET COMPOSITIONS POUR IMPRESSION DIRECTE AVEC RECYCLABILITE AMELIOREE**
[72] UPTERGROVE, RONALD L., US
[72] RENNER, JENNIFER L., US
[71] PLASTIPAK PACKAGING, INC., US
[85] 2018-02-28
[86] 2016-08-31 (PCT/US2016/049690)
[87] (WO2017/040654)
[30] US (14/846,032) 2015-09-04

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[13] A1
[51] **Int.Cl. G06T 7/00 (2017.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IDENTIFYING A GAP BETWEEN OBJECTS IN AN IMAGE**
[54] **PROCEDE ET APPAREIL POUR IDENTIFIER UN ESPACE ENTRE DES OBJETS DANS UNE IMAGE**
[72] PENG, YU, AU
[72] ZEBAZE, ROGER, AU
[71] STRAXCORP PTY LTD, AU
[85] 2018-03-01
[86] 2016-09-02 (PCT/AU2016/050834)
[87] (WO2017/035602)
[30] AU (2015903625) 2015-09-04

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[13] A1
[51] **Int.Cl. F04B 35/04 (2006.01)**
[25] EN
[54] **AIR INFLATING DEVICE AND TIRE REPAIR MACHINE COMPRISING SAME**
[54] **DISPOSITIF DE GONFLAGE A AIR ET MACHINE DE REPARATION DE PNEU LE COMPORTANT**
[72] HONG, YING CHI DAVID, CN
[71] ACTIVE TOOLS INTERNATIONAL (HK) LTD., CN
[85] 2018-02-28
[86] 2015-09-02 (PCT/CN2015/088820)
[87] (WO2017/035805)

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[13] A1
[51] **Int.Cl. H04N 19/117 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS OF NEURAL NETWORK BASED PROCESSING IN VIDEO CODING**
[54] **PROCEDE ET APPAREIL DE TRAITEMENT BASE SUR UN RESEAU NEURONAL DANS UN CODAGE VIDEO**
[72] HUANG, YU-WEN, CN
[72] SUN, YU-CHEN, CN
[72] CHUANG, TZU-DER, CN
[72] LIN, JIAN-LIANG, CN
[72] CHEN, CHING-YEH, CN
[71] MEDIATEK INC., CN
[85] 2018-03-01
[86] 2016-08-29 (PCT/CN2016/097134)
[87] (WO2017/036370)
[30] US (62/214,121) 2015-09-03

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[13] A1
[51] **Int.Cl. C07H 19/06 (2006.01) A61K 31/7068 (2006.01) A61P 35/00 (2006.01) C07H 19/10 (2006.01)**
[25] EN
[54] **COMPOSITION RICH IN SINGLE ISOMER NUC-1031 AND PREPARATION METHOD AND USE THEREOF**
[54] **COMPOSITION RICHE EN ISOMERE NUC-1031 UNIQUE ET SON PROCEDE DE PREPARATION ET SON UTILISATION**
[72] YUAN, JIANDONG, CN
[72] HUANG, YANGQING, CN
[72] MIAO, LINFENG, CN
[72] GU, JIANING, CN
[72] LIANG, CHAOHUA, CN
[72] WANG, ZHENGYE, CN
[72] SUN, ZHANLI, CN
[71] BRIGHTGENE BIO-MEDICAL TECHNOLOGY CO., LTD., CN
[85] 2018-03-01
[86] 2016-09-13 (PCT/CN2016/098847)
[87] (WO2017/045583)
[30] CN (201510586447.6) 2015-09-16

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[51] **Int.Cl. G01V 1/20 (2006.01) B63B 21/66 (2006.01) G01S 7/521 (2006.01) G10K 11/00 (2006.01)**
[25] EN
[54] **SOUND TRANSDUCER ASSEMBLY, TOWED ARRAY SONAR, WINCH, TOWBOAT, AND METHOD FOR DEPLOYING AND/OR RETRIEVING A SOUND TRANSDUCER ASSEMBLY**
[54] **ENSEMBLE DE TRANSDUCTEURS ACOUSTIQUES, SONAR REMORQUE, TREUIL, REMORQUEUR ET PROCEDE DE MISE A L'EAU ET/OU DE HALAGE D'UN ENSEMBLE DE TRANSDUCTEURS ACOUSTIQUES**
[72] BOCHENTIN, THORSTEN, DE
[71] ATLAS ELECTRONIK GMBH, DE
[85] 2018-03-01
[86] 2016-09-14 (PCT/DE2016/100432)
[87] (WO2017/054795)
[30] DE (10 2015 116 750.6) 2015-10-02

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[51] **Int.Cl. H04L 12/26 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **USER IDENTIFICATION AND TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI ET D'IDENTIFICATION D'UTILISATEUR**
[72] GLEASON, MARK, US
[72] DARBYSHIRE, MEREDITH, US
[72] WEBBER, KEN, US
[72] RICKARD, JERRAD, US
[72] HARLAMERT, JOHN, US
[71] DMD MARKETING LP, US
[85] 2018-03-01
[86] 2016-08-18 (PCT/US2016/047553)
[87] (WO2017/040052)
[30] US (14/844,539) 2015-09-03

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[13] A1
[51] **Int.Cl. C07H 19/10 (2006.01) C07F 9/24 (2006.01) C07H 1/00 (2006.01)**
[25] EN
[54] **PREPARATION METHOD OF NUCLEOSIDE PHOSPHORAMIDATE PRODRUGS AND INTERMEDIATES THEREOF**
[54] **PROCEDE DE PREPARATION DE PROMEDICAMENTS DE PHOSPHORAMIDATE DE NUCLEOSIDE ET PRODUITS INTERMEDIAIRES CORRESPONDANTS**
[72] YUAN, JIANDONG, CN
[72] HUANG, YANGQING, CN
[72] MIAO, LINFENG, CN
[72] GU, JIANING, CN
[72] LIANG, CHAOHUA, CN
[72] WANG, ZHENGYE, CN
[72] SUN, ZHANLI, CN
[71] BRIGHTGENE BIO-MEDICAL TECHNOLOGY CO., LTD., CN
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[54] **EVITEMENT DU DANGER PENDANT UNE REENTREE DE PUITS**
[72] MOELDERS, NICHOLAS, US
[72] WISINGER, JOHN LESLIE, US
[72] CHI, WEI-MING, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ROTOR CATCH ASSEMBLY**
[54] **ENSEMBLE DE CAPTURE DE ROTOR**
[72] SAVAGE, JOHN KEITH, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMPOSITIONS DE PSA LIPIDES ET PROCEDES ASSOCIES**
[72] OH, SUNGWHAN, US
[72] ERTURK-HASDEMIR, DENIZ, US
[72] KASPER, DENNIS L., US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **ELASTIC ORTHOPEDIC IMPLANT AND METHOD OF MANUFACTURING THEREOF**
[54] **IMPLANT ORTHOPEDIQUE ELASTIQUE ET PROCEDE POUR LE FABRIQUER**
[72] CHENEY, DANIEL F., US
[71] BIOMEDICAL ENTERPRISES, INC., US
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[54] **A SYSTEM AND A METHOD FOR REMOTE HEALTH TESTING AND DIAGNOSTICS**
[54] **SYSTEME ET PROCEDE POUR TESTS ET DIAGNOSTICS DE SANTE A DISTANCE**
[72] OSVATH, LASZLO, CA
[72] SHAPIRO, COLIN, CA
[71] OSVATH, LASZLO, CA
[71] SHAPIRO, COLIN, CA
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[54] **TRANSDERMAL FORMULATIONS FOR DELIVERY OF DOXYCYCLINE, AND THEIR USE IN THE TREATMENT OF DOXYCYCLINE-RESPONSIVE DISEASES AND CONDITIONS**
[54] **FORMULATIONS TRANSDERMIQUES POUR L'ADMINISTRATION DE DOXYCYCLINE ET LEUR UTILISATION DANS LE TRAITEMENT DE MALADIES ET DE PATHOLOGIES SENSIBLES A LA DOXYCYCLINE**
[72] GABRIELE, JOSEPH, CA
[72] TERIS, MIKAELA, CA
[71] DELIVRA, INC., CA
[85] 2018-03-01
[86] 2016-09-02 (PCT/CA2016/051047)
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[54] **LAXATIVE FORMULATIONS AND MANUFACTURE**
[54] **FORMULATIONS DE LAXATIFS ET LEUR FABRICATION**
[72] ALLIO, MICHAEL, US
[72] GORDON, JONATHAN, US
[71] COLONARYCONCEPTS LLC, US
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[54] **MODIFIERS OF CFTR-DIRECTED THERAPY**
[54] **MODIFICATEURS DE THERAPIE DIRIGEE CONTRE CFTR**
[72] ROMMENS, JOHANNA M., CA
[72] STRUG, LISA, CA
[72] SUN, LEI, CA
[71] THE HOSPITAL FOR SICK CHILDREN, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[54] **METHODS AND APPLICATORS WITH TWIST TAB AND RESILIENT STRUCTURE FOR MEDICAL LIQUID APPLICATION**
[54] **PROCEDES ET APPLICATEURS AVEC LANGUETTE DE TORSION ET STRUCTURE ELASTIQUE POUR APPLICATION DE LIQUIDE MEDICAL**
[72] MARGOOSIAN, RAZMIK, CA
[72] AFARIAN, VIKEN, CA
[71] MARGOOSIAN, RAZMIK, CA
[85] 2018-03-01
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[54] **A WIND TURBINE AND A METHOD OF OPERATING A WIND TURBINE WITH A ROTATIONAL SPEED EXCLUSION ZONE**
[54] **EOLIENNE ET PROCEDE DE FONCTIONNEMENT D'EOLIENNE AYANT UNE ZONE D'EXCLUSION DE VITESSE DE ROTATION**
[72] PEDERSEN, KELD STEFAN, DK
[72] FRIEDRICH, MICHAEL, DK
[71] ENVISION ENERGY (DENMARK) APS, DK
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[25] EN
[54] **COMBINED COMPOSITIONS FOR CONTROLLING BLOOD SUGAR LEVELS, HEPATOPROTECTION, AND FOR PREVENTION AND TREATMENT OF RELATED MEDICAL CONDITIONS**
[54] **COMPOSITIONS COMBINEES POUR REGULER DES NIVEAUX DE GLYCEMIE, L'HEPATOPROTECTION, ET POUR LA PREVENTION ET LE TRAITEMENT D'ETATS MEDICAUX ASSOCIES**
[72] ILAN, YARON, IL
[71] NATURAL SHIELD ISRAEL 2016 LTD, IL
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[54] **VEHICLE TRAVELING CONTROL METHOD AND VEHICLE TRAVELING CONTROL DEVICE**
[54] **PROCEDE DE COMMANDE DE DEPLACEMENT DE VEHICULE ET DISPOSITIF DE COMMANDE DE DEPLACEMENT DE VEHICULE**
[72] IWAMOTO, TADASHI, JP
[71] NISSAN MOTOR CO., LTD., JP
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[54] **LUBRICATION STRUCTURE AND LUBRICATION METHOD FOR UPPER PIN IN PISTON CRANK MECHANISM OF INTERNAL COMBUSTION ENGINE**
[54] **STRUCTURE DE LUBRIFICATION ET PROCEDE DE LUBRIFICATION POUR BROCHE SUPERIEURE DE MECANISME DE VILEBREQUIN A PISTON DE MOTEUR A COMBUSTION INTERNE**
[72] WATANABE, DAISUKE, JP
[72] NAKAJIMA, SHIGERU, JP
[72] WAKI, KAZUTO, JP
[72] KOBAYASHI, YOSHIHIRO, JP
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[25] EN
[54] **LAMINATED CORE MANUFACTURING DEVICE AND LAMINATED CORE MANUFACTURING METHOD**
[54] **DISPOSITIF DE FABRICATION DE NOYAU FEUILLETE ET PROCEDE DE FABRICATION DE NOYAU FEUILLETE**
[72] UESAKA, MASANORI, JP
[72] SENDA, KUNIHIRO, JP
[72] ODA, YOSHIHIKO, JP
[72] KAMITANI, YOSHIHIDE, JP
[72] SHIOIRI, YASUHITO, JP
[71] JFE STEEL CORPORATION, JP
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[54] **SECONDARY CELL AND METHOD FOR MANUFACTURING SECONDARY CELL**
[54] **BATTERIE RECHARGEABLE ET PROCEDE DE FABRICATION DE BATTERIE RECHARGEABLE**
[72] SAITO, TOMOKAZU, JP
[72] SATO, YUKI, JP
[71] KABUSHIKI KAISHA NIHON MICRONICS, JP
[85] 2018-03-01
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[25] EN
[54] **IMMUNITY ENHANCING AGENT FOR CANCER BY ALLERGIN-1 ANTAGONIST**
[54] **AGENT DESTINE A AMELIORER L'IMMUNITE CONTRE LE CANCER EMPLOYANT UN ANTAGONISTE D'ALLERGINE-1**
[72] SHIBAYAMA, SHIRO, JP
[72] ARIMA, HIROSHI, JP
[72] SIMBO, TAKUYA, JP
[71] ONO PHARMACEUTICAL CO., LTD., JP
[85] 2018-03-01
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[54] **VIDEO-BROADCAST SYSTEM WITH DVE-RELATED ALERT FEATURE**
[54] **SYSTEME DE DIFFUSION VIDEO AVEC FONCTION D'ALERTE ASSOCIEE A UN EFFET VIDEO NUMERIQUE**
[72] PROPST, SCOTT ALLAN, US
[72] LASHER, DANA A., US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2018-03-01
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[25] EN
[54] **LAMINATED CORE MANUFACTURING DEVICE AND LAMINATED CORE MANUFACTURING METHOD**
[54] **DISPOSITIF DE FABRICATION DE NOYAU FEUILLETE ET PROCEDE DE FABRICATION DE NOYAU FEUILLETE**
[72] UESAKA, MASANORI, JP
[72] SENDA, KUNIHIRO, JP
[72] ODA, YOSHIHIKO, JP
[72] KAMITANI, YOSHIHIDE, JP
[72] SHIOIRI, YASUHITO, JP
[71] JFE STEEL CORPORATION, JP
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[54] **SYSTEM AND CORRESPONDING METHOD FOR FACILITATING APPLICATION OF A DIGITAL VIDEO-EFFECT TO A TEMPORAL PORTION OF A VIDEO SEGMENT**
[54] **SYSTEME ET PROCEDE CORRESPONDANT POUR FACILITER L'APPLICATION D'UN EFFET VIDEO NUMERIQUE A UNE PARTIE TEMPORELLE D'UN SEGMENT VIDEO**
[72] PROPST, SCOTT ALLAN, US
[72] LASHER, DANA A., US
[71] TRIBUNE BROADCASTING COMPANY, LLC, US
[85] 2018-03-01
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[54] **RECEPTION APPARATUS, TRANSMISSION APPARATUS, AND DATA PROCESSING METHOD**
[54] **DISPOSITIF DE RECEPTION, DISPOSITIF D'EMISSION ET PROCEDE DE TRAITEMENT DE DONNEES**
[72] KITAHARA, JUN, JP
[71] SONY CORPORATION, JP
[85] 2018-03-01
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[54] **EXTERIOR APPLIQUE WITH INTERCHANGEABLE INSERTS**
[54] **MONTAGE D'INTERFACE EXTERIEUR AYANT DES INSERTIONS INTERCHANGEABLES**
[72] MALISKEY, THOMAS E., US
[72] BARA, ROD, US
[71] COOPER-STANDARD AUTOMOTIVE INC., US
[85] 2018-03-01
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[54] **INFANT FORMULA TABLETS**
[54] **COMPRIMES DE FORMULE POUR NOURRISSON**
[72] BANAVARA, DATTATREYA, US
[72] GONZALEZ, JUAN M., US
[71] MJN U.S. HOLDINGS LLC, US
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[25] EN
[54] **GENERATING PROBABILISTIC ESTIMATES OF RAINFALL RATES FROM RADAR REFLECTIVITY MEASUREMENTS**
[54] **GENERATION D'ESTIMATIONS PROBABILISTES DES TAUX DE PRECIPITATION A PARTIR DE MESURES DE REFLECTIVITE D'UN RADAR**
[72] KLEEMAN, ALEXANDER, US
[72] LAKSHMANAN, VALLIAPPA, US
[72] REID, BETH, US
[71] THE CLIMATE CORPORATION, US
[85] 2018-03-01
[86] 2016-09-02 (PCT/US2016/050247)
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[54] **COMPOSITE PRODUCTS OF PAPER AND CELLULOSE NANOFIBRILS AND PROCESS OF MAKING**
[54] **PRODUITS COMPOSITES DE PAPIER ET NANOFIBRILLES DE CELLULOSE ET LEUR PROCEDE DE FABRICATION**
[72] TAJVIDI, MEHDI, US
[72] BOUSFIELD, DOUGLAS W., US
[71] UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES, US
[85] 2018-03-01
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[54] **CANULE AORTIQUE POUR SYSTEME DE TRAITEMENT EX VIVO D'ORGANE**
[72] RITCHIE, GREG, US
[72] LAMBERT , VINCENT, II, US
[72] BRINGHAM, RICHARD, US
[72] SULLIVAN, JOHN, US
[72] HASSANEIN, WALEED H., US
[71] TRANSMEDICS, INC., US
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[54] **OUTIL DE RETRAIT DE PANNEAU MURAL**
[72] BAUZA, AARON, US
[71] BAUZA, AARON, US
[85] 2018-03-01
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[54] **SYSTEMS FOR FEEDING CATS, METHODS OF USE OF THE SYSTEMS AND PACKAGING FOR THE SYSTEMS**
[54] **SYSTEMES D'ALIMENTATION DE CHATS, PROCEDES D'UTILISATION DES SYSTEMES, ET EMBALLAGE DES SYSTEMES**
[72] BALES, ELIZABETH B., US
[72] KRUPNICK, STEVEN, US
[72] KRUPNICK, DAVID, US
[72] LOHR, SUSAN ANN, US
[72] KEARNEY-SCOTT, PHEBE, US
[71] FELINE ENVIRONMENTAL ENRICHMENT DESIGN COMPANY, LLC, US
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[86] 2016-09-13 (PCT/US2016/051523)
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[30] US (62/221,768) 2015-09-22
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[54] **SOIL TILLAGE APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE LABOUR DU SOL**
[72] JORDAN, BEN, US
[71] JORDAN, BEN, US
[85] 2018-03-01
[86] 2016-10-06 (PCT/US2016/055654)
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[54] **COMPOSITIONS AND METHODS FOR THE TREATMENT AND PREVENTION OF RADIATION DERMATITIS**
[54] **COMPOSITIONS ET METHODES DESTINEES AU TRAITEMENT ET A LA PREVENTION DE LA DERMATITE DE RAYONNEMENT**
[72] JACOBS, JUNE, US
[71] JUNE JACOBS LABORATORIES, LLC, US
[85] 2018-03-01
[86] 2016-09-16 (PCT/US2016/052230)
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[25] EN
[54] **A STERICALLY STABILIZED CARRIER FOR SUBCUTANEOUS, SUBLINGUAL AND ORAL THERAPEUTICS, COMPOSITIONS AND METHODS FOR TREATING A MAMMAL**
[54] **SUPPORT STERIQUEMENT STABILISE POUR AGENTS THERAPEUTIQUES SOUS-CUTANES, SUBLINGUAUX ET ORAUX, COMPOSITIONS ET PROCEDES POUR LE TRAITEMENT D'UN MAMMIFERE**
[72] KONDURI, KAMESWARI, US
[72] DUZGUNES, NEJAT, US
[72] PATTISAPU, JOGI, US
[72] PATTISAPU, RAM, US
[71] VGSK TECHNOLOGIES, INC., US
[85] 2018-03-01
[86] 2016-09-14 (PCT/US2016/051759)
[87] (WO2017/048860)
[30] US (62/218,558) 2015-09-14

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[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/38 (2012.01) G06F 21/32 (2013.01)**
[25] EN
[54] **SERVER BASED BIOMETRIC AUTHENTICATION**
[54] **AUTHENTIFICATION BIOMETRIQUE BASEE SUR UN SERVEUR**
[72] WAGNER, KIM, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-03-01
[86] 2016-09-22 (PCT/US2016/053187)
[87] (WO2017/083016)
[30] US (14/938,490) 2015-11-11

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[25] EN
[54] **WALL ANCHORS AND RELATED WALL MOUNT SYSTEMS**
[54] **ANCRAGES DE PAROI ET SYSTEMES DE MONTANT MURAL ASSOCIES**
[72] MALOTT, DALE G., US
[72] GRICE, BYRON K., US
[72] WILL, GARY E., US
[72] SANDOVAL, BENJAMIN M., US
[72] STONEKING, JERRY D., US
[71] THE HILLMAN GROUP, INC., US
[85] 2018-03-01
[86] 2016-10-19 (PCT/US2016/057606)
[87] (WO2017/070149)
[30] US (62/245,442) 2015-10-23

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **METHOD OF COMPILING CITY GUIDE DATABASE USING PAYMENT SYSTEM DATA**
[54] **PROCEDE DE COMPILATION DE BASE DE DONNEES DE GUIDE DE VILLE A L'AIDE DE DONNEES DE SYSTEME DE PAIEMENT**
[72] ELANGOVAN, ARUN, US
[72] PANDEY, ANSHUL, IN
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-03-01
[86] 2016-06-08 (PCT/US2016/036369)
[87] (WO2017/039770)
[30] US (14/842,213) 2015-09-01

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[13] A1
[51] **Int.Cl. G21C 1/22 (2006.01) F01D 1/32 (2006.01) F01D 1/34 (2006.01) F01D 15/08 (2006.01) F01D 25/12 (2006.01) F01P 1/06 (2006.01)**
[25] EN
[54] **PNEUMATIC MOTOR ASSEMBLY, FLOW INDUCTION SYSTEM USING SAME AND METHOD OF OPERATING A PNEUMATIC MOTOR ASSEMBLY**
[54] **GROUPE MOTEUR PNEUMATIQUE, SYSTEME D'INDUCTION D'ECOULEMENT L'UTILISANT ET PROCEDE DE FONCTIONNEMENT DE GROUPE MOTEUR PNEUMATIQUE**
[72] KUTSCH, JOHN, US
[72] LEBLANC, DAVID, CA
[71] TERRESTRIAL ENERGY INC., CA
[85] 2018-03-02
[86] 2016-09-01 (PCT/CA2016/051039)
[87] (WO2017/035657)
[30] US (62/214,573) 2015-09-04

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[13] A1
[51] **Int.Cl. A62D 3/38 (2007.01) C02F 1/72 (2006.01) C02F 11/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REMEDIATION OF CONTAMINATED SEDIMENT OR SOILS**
[54] **SYSTEME ET PROCEDE PERMETTANT UNE REHABILITATION DES SEDIMENTS OU DES SOLS CONTAMINES**
[72] CHIN, ARTHUR E., US
[72] BATES, DAVID M., US
[71] SEDTECH INNOVATIONS LLC, US
[85] 2018-03-01
[86] 2016-09-29 (PCT/US2016/054439)
[87] (WO2017/059067)
[30] US (62/234,999) 2015-09-30
[30] US (15/278,870) 2016-09-28

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[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/02 (2013.01) H04S 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR TIME DOMAIN DOWN MIXING A STEREO SOUND SIGNAL INTO PRIMARY AND SECONDARY CHANNELS USING DETECTING AN OUT-OF-PHASE CONDITION OF THE LEFT AND RIGHT CHANNELS**
[54] **PROCEDE ET SYSTEME POUR LE MIXAGE REDUCTEUR DE DOMAINE TEMPOREL D'UN SIGNAL SONORE STEREO EN CANAUX PRIMAIRE ET SECONDAIRE PAR DETECTION D'ETAT HORS PHASE DES CANAUX GAUCHE ET DROIT**
[72] VAILLANCOURT, TOMMY, CA
[72] JELINEK, MILAN, CA
[71] VOICEAGE CORPORATION, CA
[85] 2018-03-02
[86] 2016-09-22 (PCT/CA2016/051105)
[87] (WO2017/049396)
[30] US (62/232,589) 2015-09-25
[30] US (62/362,360) 2016-07-14

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[25] EN
[54] **WIRELESS BIOMETRIC AUTHENTICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION BIOMETRIQUE SANS FIL**
[72] WAGNER, KIM R., US
[72] SHEETS, JOHN F., US
[72] NELSEN, MARK ALLEN, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-03-01
[86] 2016-10-26 (PCT/US2016/058880)
[87] (WO2017/075063)
[30] US (62/246,476) 2015-10-26

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[51] **Int.Cl. B62D 63/02 (2006.01) B60N 2/005 (2006.01) B60R 9/06 (2006.01) B60R 11/04 (2006.01)**
[25] EN
[54] **VEHICLE FOR A PEDESTRIAN ENVIRONMENT**
[54] **VEHICULE DESTINE A UN ENVIRONNEMENT PIETONNIER**
[72] LAROUCHE, RENAUD, CA
[72] GALLEY, DAVID, CA
[72] FORTIN, ROD, CA
[72] BERNIER, ALAIN, CA
[71] WATTMAN TRAINS & TRAMS INC., CA
[85] 2018-03-02
[86] 2015-09-03 (PCT/CA2015/050845)
[87] (WO2016/033689)
[30] US (62/046,153) 2014-09-04

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[51] **Int.Cl. A61K 8/27 (2006.01) A61K 8/24 (2006.01) A61K 8/44 (2006.01) A61K 8/73 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES ET LEURS PROCEDES D'UTILISATION**
[72] POTANIN, ANDREI, US
[72] POTH, TILO, DE
[72] AHUJA, AMIT, US
[72] BLANVALET, CLAUDE, BE
[72] WON, BETTY, US
[72] MANUS, LISA, US
[72] STRANICK, MICHAEL A., US
[72] HUANG, XIAOYI, CN
[72] PRENCIPE, MICHAEL, US
[72] RUSSO, AMY, US
[72] STETTLER, HANSRUEDI, CH
[72] YAN, PENG, CN
[72] TAN, CHENGKANG, CN
[72] PATEL, VYOMA, US
[72] MORGAN, ANDRE MICHELLE, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-03-01
[86] 2017-06-23 (PCT/US2017/039074)
[87] (WO2017/223493)
[30] CN (PCT/CN2016/086994) 2016-06-24

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[13] A1
[51] **Int.Cl. A61K 8/24 (2006.01) A61K 8/27 (2006.01) A61K 8/44 (2006.01) A61K 8/73 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE SOINS BUCCO-DENTAIRES ET LEURS PROCEDES D'UTILISATION**
[72] HUANG, XIAOYI, CN
[72] JOSIAS, WILBENS, US
[72] PRENCIPE, MICHAEL, US
[72] STRANICK, MICHAEL A., US
[72] WON, BETTY, US
[72] MOURAO, MARCELLA, BR
[72] RUSSO, AMY, US
[72] MANUS, LISA, US
[72] STETTLER, HANSRUEDI, CH
[72] PATEL, VYOMA, US
[72] MORGAN, ANDRE MICHELLE, US
[72] POTANIN, ANDREI, US
[72] TAN, CHENGKANG, CN
[72] YAN, PENG, CN
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2018-03-01
[86] 2017-06-23 (PCT/US2017/039080)
[87] (WO2017/223496)
[30] CN (PCT/CN2016/086994) 2016-06-24

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[13] A1
[51] **Int.Cl. B65B 47/06 (2006.01) B65B 3/02 (2006.01)**
[25] EN
[54] **APPARATUS AND PROCESS FOR MANUFACTURING OF A PACKAGING SACHET**
[54] **APPAREIL ET PROCEDE DE FABRICATION D'UN SACHET D'EMBALLAGE**
[72] GORAKAVI, PRAVEEN KUMAR, IN
[72] VAN DE POLL, JONKHEER THEODOOR HENDRIK, NL
[71] UNILEVER PLC, GB
[85] 2018-03-02
[86] 2016-09-02 (PCT/EP2016/070738)
[87] (WO2017/050540)
[30] IN (3614/MUM/2015) 2015-09-23
[30] EP (15193103.7) 2015-11-05

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[13] A1
[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/125 (2013.01) G10L 19/26 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ENCODING A STEREO SOUND SIGNAL USING CODING PARAMETERS OF A PRIMARY CHANNEL TO ENCODE A SECONDARY CHANNEL**
[54] **PROCEDE ET SYSTEME POUR CODER UN SIGNAL SONORE STEREO A L'AIDE DE PARAMETRES DE CODAGE D'UN CANAL PRIMAIRE POUR CODER UN CANAL SECONDAIRE**
[72] VAILLANCOURT, TOMMY, CA
[72] JELINEK, MILAN, CA
[71] VOICEAGE CORPORATION, CA
[85] 2018-03-02
[86] 2016-09-22 (PCT/CA2016/051107)
[87] (WO2017/049398)
[30] US (62/232,589) 2015-09-25
[30] US (62/362,360) 2016-07-14

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[13] A1
[51] **Int.Cl. G10L 19/008 (2013.01) G10L 19/26 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DECODING LEFT AND RIGHT CHANNELS OF A STEREO SOUND SIGNAL**
[54] **PROCEDE ET SYSTEME DE DECODAGE DE CANAUX GAUCHE ET DROIT D'UN SIGNAL SONORE STEREO**
[72] VAILLANCOURT, TOMMY, CA
[72] JELINEK, MILAN, CA
[71] VOICEAGE CORPORATION, CA
[85] 2018-03-02
[86] 2016-09-22 (PCT/CA2016/051108)
[87] (WO2017/049399)
[30] US (62/232,589) 2015-09-25
[30] US (62/362,360) 2016-07-14

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[51] **Int.Cl. G10L 19/24 (2013.01) G10L 19/008 (2013.01) G10L 19/032 (2013.01) G10L 19/26 (2013.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ENCODING LEFT AND RIGHT CHANNELS OF A STEREO SOUND SIGNAL SELECTING BETWEEN TWO AND FOUR SUB-FRAMES MODELS DEPENDING ON THE BIT BUDGET**
[54] **PROCEDE ET SYSTEME DE CODAGE DE CANAUX GAUCHE ET DROIT D'UN SIGNAL SONORE STEREO SELECTIONNANT ENTRE DES MODELES A DEUX ET QUATRE SOUS-TRAMES EN FONCTION DU BUDGET DE BITS**
[72] VAILLANCOURT, TOMMY, CA
[72] JELINEK, MILAN, CA
[71] VOICEAGE CORPORATION, CA
[85] 2018-03-02
[86] 2016-09-22 (PCT/CA2016/051109)
[87] (WO2017/049400)
[30] US (62/232,589) 2015-09-25
[30] US (62/362,360) 2016-07-14

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[13] A1
[51] **Int.Cl. F15B 15/06 (2006.01) F04D 29/42 (2006.01) F04D 29/62 (2006.01) F16H 25/14 (2006.01)**
[25] EN
[54] **A HYDRAULICALLY POWERED ROTARY ACTUATOR**
[54] **ACTIONNEUR ROTATIF A COMMANDE HYDRAULIQUE**
[72] RADEMACHER, MARCELO, AU
[71] WEIR MINERALS AUSTRALIA LTD, AU
[85] 2018-03-02
[86] 2016-08-15 (PCT/AU2016/050753)
[87] (WO2017/035572)
[30] AU (2015903630) 2015-09-04
[30] AU (2015903640) 2015-09-07
[30] AU (2015903768) 2015-09-16
[30] AU (2016901332) 2016-04-11

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[13] A1
[51] **Int.Cl. B41J 2/175 (2006.01)**
[25] EN
[54] **SECURE REFILL SYSTEM**
[54] **SYSTEME DE RECHARGE SECURISE**
[72] DUCA, NICOLA, CH
[72] BOULLE, ALEXANDRE, FR
[71] SICPA HOLDING SA, CH
[85] 2018-03-02
[86] 2016-10-05 (PCT/EP2016/073746)
[87] (WO2017/060275)
[30] EP (15189032.4) 2015-10-08

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[51] **Int.Cl. A61K 38/02 (2006.01) A61K 38/03 (2006.01) A61K 38/04 (2006.01) A61K 38/26 (2006.01) A61K 38/29 (2006.01) A61K 9/20 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL FORMULATIONS FOR THE ORAL DELIVERY OF PEPTIDE DRUGS**
[54] **FORMULATIONS PHARMACEUTIQUES POUR L'ADMINISTRATION PAR VOIE ORALE DE MEDICAMENTS PEPTIDIQUES**
[72] FOGER, FLORIAN, AT
[72] WERLE, MARTIN, AT
[71] CYPRUMED GMBH, AT
[85] 2018-03-02
[86] 2016-10-07 (PCT/EP2016/074110)
[87] (WO2017/060500)
[30] EP (15188838.5) 2015-10-07

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01) B41J 2/17 (2006.01) F16K 35/02 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **SECURE DELIVERY SYSTEM, LOGGING MODULE AND ACCESS CONTROLLED CONTAINER**
[54] **SYSTEME DE LIVRAISON SECURISE, MODULE DE JOURNALISATION ET RECIPIENT A ACCES CONTROLE**
[72] DUCA, NICOLA, CH
[72] BOULLE, ALEXANDRE, FR
[71] SICPA HOLDING SA, CH
[85] 2018-03-02
[86] 2016-10-10 (PCT/EP2016/074151)
[87] (WO2017/060511)
[30] EP (15189033.2) 2015-10-08

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[13] A1
[51] **Int.Cl. E21B 47/12 (2012.01) E21B 47/18 (2012.01)**
[25] EN
[54] **MUD PULSE TELEMETRY PREAMBLE FOR SEQUENCE DETECTION AND CHANNEL ESTIMATION**
[54] **PREAMBULE DE TELEMETRIE PAR IMPULSIONS DANS LA BOUE POUR LA DETECTION DE SEQUENCE ET L'ESTIMATION DE CANAL**
[72] BARAK, EHUD, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-03-02
[86] 2015-10-08 (PCT/US2015/054667)
[87] (WO2017/062009)

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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 8/02 (2006.01) G01V 13/00 (2006.01)**
[25] EN
[54] **ACTIVE ERROR CORRECTION IN AN OPTICAL SENSOR SYSTEM**
[54] **CORRECTION D'ERREUR ACTIVE DANS UN SYSTEME DE CAPTEUR OPTIQUE**
[72] WANG, YUNMIAO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2018-03-02
[86] 2015-10-29 (PCT/US2015/058042)
[87] (WO2017/074384)

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[51] **Int.Cl. F16D 65/092 (2006.01) F16D 55/228 (2006.01)**
[25] EN
[54] **WEAR OPTIMIZED PAD DESIGN**
[54] **PLAQUETTE OPTIMISEE VIS-A-VIS DE L'USURE**
[72] SABETI, MANOUCHEHR, US
[71] BENDIX SPICER FOUNDATION BRAKE LLC, US
[85] 2018-03-02
[86] 2016-09-01 (PCT/US2016/049872)
[87] (WO2017/040765)
[30] US (14/844,813) 2015-09-03

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[51] **Int.Cl. A61J 1/03 (2006.01) A61J 7/02 (2006.01) A61J 7/04 (2006.01)**
[25] EN
[54] **MEDICATION PACKAGING AND DOSE REGIMEN SYSTEM**
[54] **EMBALLAGE DE MEDICAMENT ET SYSTEME DE REGIME POSOLOGIQUE**
[72] WARDEN, JEFFREY, US
[72] RICHARDSON, ERIC, US
[72] TERHUNE, JOANNA, US
[72] SCOUVART, MICHAEL, US
[72] MAURO, ANTHONY R., US
[72] MALIK, RAJIV, US
[71] MYLAN INC., US
[85] 2018-03-02
[86] 2016-09-01 (PCT/US2016/049887)
[87] (WO2017/040773)
[30] US (62/213,226) 2015-09-02

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[51] **Int.Cl. G06F 17/30 (2006.01) G06F 19/26 (2011.01)**
[25] EN
[54] **EXPERIENCE ENGINE-METHOD AND APPARATUS OF LEARNING FROM SIMILAR PATIENTS**
[54] **PROCEDE MOTEUR D'EXPERIENCE ET APPAREIL D'APPRENTISSAGE PROVENANT DE PATIENTS SIMILAIRES**
[72] RAMARAJAN, NARESH, US
[72] SRIVASTAVA, GITIKA, US
[71] NAVYA NETWORK INC., US
[85] 2018-03-01
[86] 2016-09-09 (PCT/US2016/051036)
[87] (WO2017/044802)
[30] US (62/217,771) 2015-09-11

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[13] A1
[51] **Int.Cl. A61M 37/00 (2006.01) A61B 17/56 (2006.01) A61M 5/00 (2006.01) A61M 5/46 (2006.01)**
[25] EN
[54] **INTRAOSSEOUS INJECTION DEVICE**
[54] **DISPOSITIF D'INJECTION INTRAOSSEUSE**
[72] CHARLEBOIS, PAUL, CA
[72] LUBBEN, MICHAEL, CA
[72] BROWNE, GREGORY VINCENT, CA
[72] DENNY, CHRISTOPHER GRANT, CA
[72] RANGER, NICOLE, CA
[71] PYNG MEDICAL CORP., CA
[85] 2018-02-28
[86] 2016-08-31 (PCT/CA2016/051033)
[87] (WO2017/035653)
[30] US (62/212,421) 2015-08-31

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[13] A1
[51] **Int.Cl. A24C 5/32 (2006.01) A24D 3/02 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR MOVING TUBULAR BODIES**
[54] **DISPOSITIF ET PROCEDE PERMETTANT DE DEPLACER DES CORPS TUBULAIRES**
[72] MENGOLI, FAUSTO, IT
[72] SARTONI, MASSIMO, IT
[71] G.D S.P.A., IT
[85] 2018-02-28
[86] 2016-10-12 (PCT/IB2016/056090)
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[30] IT (102015000062964) 2015-10-19

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[51] **Int.Cl. C08L 33/08 (2006.01) C08F 2/20 (2006.01) C08F 20/14 (2006.01) C08F 20/18 (2006.01) C08F 212/08 (2006.01) C08F 220/16 (2006.01) C08F 220/44 (2006.01) C08L 3/02 (2006.01) C08L 25/14 (2006.01) C08L 33/10 (2006.01) C08L 33/20 (2006.01) D21H 21/16 (2006.01) D21H 21/54 (2006.01) D21H 23/22 (2006.01) C09D 133/08 (2006.01) D21H 19/22 (2006.01)**
[25] EN
[54] **CORE/SHELL POLYMER PARTICLES AS SURFACE SIZING AGENTS**
[54] **PARTICULES DE POLYMERE C□UR/ECORCE EN TANT QU'AGENTS D'ENCOLLAGE DE SURFACE**
[72] LEPO, ANNELI, FI
[72] TURUNEN, ELSI, FI
[72] TURKKI, TARJA, FI
[72] UBERBACHER, BERNHARD, FI
[71] KEMIRA OYJ, FI
[85] 2018-03-01
[86] 2016-09-02 (PCT/FI2016/050610)
[87] (WO2017/037347)
[30] FI (20155638) 2015-09-04

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[13] A1
[51] **Int.Cl. F02D 29/02 (2006.01) B60H 1/08 (2006.01) F02D 41/12 (2006.01)**
[25] EN
[54] **VEHICLE TRAVELING CONTROL METHOD AND VEHICLE TRAVELING CONTROL DEVICE**
[54] **PROCEDE DE COMMANDE DE DEPLACEMENT DE VEHICULE ET DISPOSITIF DE COMMANDE DE DEPLACEMENT DE VEHICULE**
[72] IWAMOTO, TADASHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-03-01
[86] 2015-09-01 (PCT/JP2015/004445)
[87] (WO2017/037761)

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[13] A1
[51] **Int.Cl. C07C 273/04 (2006.01) C07C 275/00 (2006.01)**
[25] EN
[54] **UREA MANUFACTURING METHOD AND UREA MANUFACTURING APPARATUS**
[54] **PROCEDE DE PRODUCTION D'UREE ET DISPOSITIF DE PRODUCTION D'UREE**
[72] BAHARUDDIN, MAGHFURI, JP
[72] NISHIKAWA, GENSHI, JP
[72] MORIKAWA, HARUYUKI, JP
[71] TOYO ENGINEERING CORPORATION, JP
[85] 2018-03-01
[86] 2016-08-31 (PCT/JP2016/075504)
[87] (WO2017/043390)
[30] JP (2015-176432) 2015-09-08

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[13] A1
[51] **Int.Cl. C22C 1/00 (2006.01) C22C 33/00 (2006.01) C22C 38/00 (2006.01) C22C 38/12 (2006.01)**
[25] EN
[54] **CHROMIUM FREE AND LOW-CHROMIUM WEAR RESISTANT ALLOYS**
[54] **ALLIAGES RESISTANT A L'USURE SANS CHROME ET A FAIBLE TENEUR EN CHROME**
[72] EIBL, CAMERON, US
[71] SCOPERTA, INC., US
[85] 2018-03-01
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[54] **UREA MANUFACTURING METHOD AND UREA MANUFACTURING APPARATUS**
[54] **PROCEDE ET DISPOSITIF DE PRODUCTION D'UREE**
[72] SATO, KEISHI, JP
[72] YOSHIMOTO, KENJI, JP
[72] MORIKAWA, HARUYUKI, JP
[71] TOYO ENGINEERING CORPORATION, JP
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[25] EN
[54] **ENHANCED THERMAL STABILITY FOR ADENOVIRAL VECTORS THROUGH SPRAY DRYING**
[54] **STABILITE THERMIQUE AMELIOREE POUR VECTEURS ADENOVIRAUX OBTENUE PAR SECHAGE PAR PULVERISATION**
[72] THOMPSON, MICHAEL, CA
[72] XING, ZHOU, CA
[72] LECLAIR, DANIEL ADAM, CA
[72] CRANSTON, EMILY, CA
[71] MCMASTER UNIVERSITY, CA
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[86] 2016-09-02 (PCT/CA2016/051046)
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[30] US (62/213,148) 2015-09-02

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[51] **Int.Cl. C11D 1/40 (2006.01) C11D 1/72 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MULTIPURPOSE DISINFECTION AND STERILIZATION SOLUTIONS**
[54] **COMPOSITIONS ET PROCEDES POUR DES SOLUTIONS DE DESINFECTION ET DE STERILISATION MULTIFONCTIONS**
[72] ROY, CHAD, US
[72] METZINGER, REBECCA, US
[72] REIMERS, ROBERT, US
[71] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
[85] 2018-03-01
[86] 2016-09-02 (PCT/US2016/050266)
[87] (WO2017/041038)
[30] US (62/213,964) 2015-09-03

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[25] EN
[54] **METHODS OF TREATING NEURODEGENERATIVE DISORDERS IN A PARTICULAR PATIENT POPULATION**
[54] **METHODES DE TRAITEMENT DE TROUBLES NEURODEGENERATIFS DANS UNE POPULATION SPECIFIQUE DE PATIENTS**
[72] ABUSHAKRA, SUSAN, US
[72] POWER, AIDAN, US
[72] TOLAR, MARTIN, US
[72] HEY, JOHN, US
[72] YU, JEREMY, US
[72] KOCIS, PETR, US
[71] ALZHEON, INC., US
[85] 2018-03-01
[86] 2016-09-09 (PCT/US2016/051091)
[87] (WO2017/044840)
[30] US (62/216,404) 2015-09-10
[30] US (62/290,287) 2016-02-02
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[25] EN
[54] **CRYSTALLIZATION METHOD AND BIOAVAILABILITY**
[54] **PROCEDE DE CRISTALLISATION ET BIODISPONIBILITE**
[72] HANNA, MAZEN, US
[71] GRUNENTHAL GMBH, DE
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[86] 2016-09-19 (PCT/US2016/052492)
[87] (WO2017/049294)
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[25] EN
[54] **INSTANT TOKEN ISSUANCE SYSTEM**
[54] **SYSTEME D'EMISSION DE JETON INSTANTANE**
[72] AL-BEDAIWI, MOHAMMAD, US
[72] ALTENHOFEN, MEREDITH, US
[72] BLACKHURST, JASON, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2018-03-01
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[87] (WO2017/066792)
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[54] **NASAL SEAL, MASK AND RESPIRATORY INTERFACE ASSEMBLY**
[54] **OBTURATEUR NASAL, MASQUE ET ENSEMBLE D'INTERFACE RESPIRATOIRE**
[72] GALGALI, AMIT, NZ
[72] SINTIVE, BRUNO, NZ
[72] GORDON, CALLUM ROSS, NZ
[72] THOMPSON, MARK ANDREW, NZ
[72] GRAHAM, RYAN ANTHONY, NZ
[72] MCLAREN, MARK ARVIND, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2018-03-02
[86] 2016-09-09 (PCT/IB2016/055369)
[87] (WO2017/042717)
[30] US (62/217,656) 2015-09-11
[30] US (62/300,578) 2016-02-26
[30] US (62/310,549) 2016-03-18
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[25] EN
[54] **MEMBRANE CATALYST LAYER ASSEMBLY PRODUCTION METHOD AND MEMBRANE CATALYST LAYER ASSEMBLY PRODUCTION DEVICE**
[54] **PROCEDE DE PRODUCTION DE CORPS ASSEMBLE MEMBRANE/COUCHE DE CATALYSEUR, DISPOSITIF DE PRODUCTION DE CORPS ASSEMBLE MEMBRANE/COUCHE DE CATALYSEUR, ET CORPS ASSEMBLE MEMBRANE/COUCHEDE CATALYSEUR**
[72] KISHI, MICHITO, JP
[72] KOSEMURA, TOORU, JP
[72] HIRAO, TAKAYUKI, JP
[72] MIYAOKA, HIROSHI, JP
[72] NUMAO, YASUHIRO, JP
[72] INOMATA, JUN, JP
[72] NISHIMURA, KIMIO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-03-02
[86] 2015-09-03 (PCT/JP2015/075129)
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[54] **CONNECTORS FOR CONDUITS**
[54] **CONNECTEURS POUR CONDUITS**
[72] LAU, ANDREW CHI LUP, NZ
[72] PANARA, RICHARD DANIEL, NZ
[72] GULLIVER, LAURENCE, NZ
[72] CLARKSON, SOOJI HOPE, NZ
[72] KLENNER, JASON ALLAN, NZ
[72] SALMON, ANDREW PAUL MAXWELL, NZ
[72] LAING, BRENT IAN, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2018-03-02
[86] 2016-09-02 (PCT/IB2016/055258)
[87] (WO2017/037660)
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[25] EN
[54] **FUEL CELL SYSTEM AND FUEL CELL CONTROL METHOD**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE DE SYSTEME DE PILE A COMBUSTIBLE**
[72] YAGUCHI, TATSUYA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2018-03-02
[86] 2015-09-04 (PCT/JP2015/075176)
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[25] EN
[54] **A DEVICE FOR SEPARATING A MEDIUM COMPRISING A MIXTURE OF A SOLID PORTION AND A FLUID PORTION**
[54] **DISPOSITIF DE SEPARATION D'UN MILIEU COMPRENANT UN MELANGE D'UNE PARTIE SOLIDE ET D'UNE PARTIE FLUIDE**
[72] VASSHUS, JAN KRISTIAN, NO
[72] MALMIN, ARNE, NO
[71] CUBILITY AS, NO
[85] 2018-03-02
[86] 2016-08-31 (PCT/NO2016/050179)
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[25] EN
[54] **RESIN COMPOSITION FOR FIBER-REINFORCED PLASTIC, CURED PRODUCT THEREOF, FIBER-REINFORCED PLASTIC CONTAINING SAID CURED PRODUCT, AND METHOD FOR PRODUCING FIBER-REINFORCED PLASTIC**
[54] **COMPOSITION DE RESINE POUR PLASTIQUE RENFORCE DE FIBRES, SON PRODUIT DURCI, PLASTIQUE RENFORCE DE FIBRES CONTENANT LEDIT PRODUIT DURCI ET PROCEDE DE FABRICATION DUDIT PLASTIQUE RENFORCE DE FIBRES**
[72] FUJITA, NAOHIRO, JP
[72] MORINO, KAZUHIDE, JP
[72] AOKI, TASUKU, JP
[72] KIMURA, TOMOKO, JP
[72] INADOME, MASATO, JP
[71] ADEKA CORPORATION, JP
[85] 2018-03-02
[86] 2016-08-25 (PCT/JP2016/074758)
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[30] JP (2015-174653) 2015-09-04
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[25] EN
[54] **WEIGHT SET MANDREL AND TUBING HANGER**
[54] **MANDRIN ENSEMBLE DE POIDS ET SUSPENSION DE TUBULURE**
[72] IRVINE, JOCK W., US
[72] LAMBERT, THOMAS M., US
[71] IRVINE, JOCK W., US
[71] LAMBERT, THOMAS M., US
[85] 2018-03-02
[86] 2016-09-06 (PCT/US2016/050433)
[87] (WO2017/041108)
[30] US (62/214,754) 2015-09-04
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[25] EN
[54] **MOLECULES HAVING PESTICIDAL UTILITY, AND INTERMEDIATES, COMPOSITIONS, AND PROCESSES, RELATED THERETO**
[54] **MOLECULES PRESENTANT UNE UTILITE EN TANT QUE PESTICIDES, AINSI QU'INTERMEDIAIRES, COMPOSITIONS, ET PROCEDES ASSOCIES**
[72] CROUSE, GARY D., US
[72] HORTY, LINDSEY G., US
[72] BAUM, ERICH W., US
[72] SPARKS, THOMAS C., US
[71] DOW AGROSCIENCES LLC, US
[85] 2018-03-02
[86] 2016-08-25 (PCT/US2016/048627)
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[51] **Int.Cl. E01C 9/00 (2006.01) A01G 13/02 (2006.01) E01C 5/00 (2006.01) E01C 5/20 (2006.01) E02B 11/00 (2006.01) E03F 1/00 (2006.01) E21F 17/16 (2006.01)**
[25] EN
[54] **TREE FRAME AND GRATE SYSTEM AND METHOD TO IMPROVE GROWTH OF VEGETATION IN AN URBAN ENVIRONMENT**
[54] **CADRE POUR ARBRE ET SYSTEME DE GRILLE ET PROCEDE POUR AMELIORER LA CROISSANCE DE LA VEGETATION DANS UN ENVIRONNEMENT URBAIN**
[72] IORIO, PAUL ANTHONY, US
[71] IORIO, PAUL ANTHONY, US
[85] 2018-03-02
[86] 2016-09-11 (PCT/US2016/051205)
[87] (WO2017/044920)
[30] US (62/217,224) 2015-09-11
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[25] EN
[54] **APPARATUS AND METHOD FOR SEPARATING LIQUID FROM A MATERIAL COMPRISING A SOLID FRACTION AND A LIQUID FRACTION**
[54] **APPAREIL ET PROCEDE DE SEPARATION DE LIQUIDE A PARTIR D'UN MATERIAU COMPRENANT UNE FRACTION SOLIDE ET UNE FRACTION LIQUIDE**
[72] VASSHUS, JAN KRISTIAN, NO
[72] MALMIN, ARNE, NO
[71] CUBILITY AS, NO
[85] 2018-03-02
[86] 2016-08-29 (PCT/NO2016/050178)
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[51] **Int.Cl. A61F 2/16 (2006.01) A61F 2/56 (2006.01) A61F 2/68 (2006.01)**
[25] EN
[54] **RECHARGEABLE INTRAOCULAR IMPLANT**
[54] **IMPLANT INTRAOCULAIRE RECHARGEABLE**
[72] GUPTA, AMITAVA, US
[72] MAZZOCCHI, RUDY, US
[72] TRIP, ROEL, US
[72] PETERSON, BRIAN, US
[72] CINTRA, GEORGE, US
[72] CHEN, JOEY, US
[72] HALBERG, LESLIE, US
[71] ELENZA, INC., US
[85] 2018-03-02
[86] 2015-09-03 (PCT/US2015/048334)
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[25] EN
[54] **YEAST CELL WALL DERIVED FLAVOUR**
[54] **AROME DERIVE DE LA PAROI DE CELLULES DE LEVURE**
[72] MOREL, BERNADETTE THERESIA, NL
[72] VAN DEN BERG, MARCO ALEXANDER, NL
[71] DSM IP ASSETS B.V., NL
[85] 2018-03-05
[86] 2016-09-15 (PCT/EP2016/071802)
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[51] **Int.Cl. B27N 1/00 (2006.01)**
[25] EN
[54] **METHOD FOR REDUCING THE EMISSION OF VOLATILE ORGANIC COMPOUNDS MADE OF WOOD MATERIALS, AND WOOD MATERIALS**
[54] **PROCEDE DE REDUCTION DE L'EMISSION DE COMPOSES ORGANIQUES VOLATILS DE MATERIAUX DERIVES DU BOIS ET MATERAUX DERIVES DU BOIS**
[72] KALWA, NORBERT, DE
[72] MULLER, DIRK, DE
[72] THIELECKE, GUNNAR, DE
[71] SWISS KRONO TEC AG, CH
[85] 2018-03-05
[86] 2016-09-23 (PCT/EP2016/072642)
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[51] **Int.Cl. A61M 1/36 (2006.01)**
[25] EN
[54] **DETERMINATION OF GASES DISSOLVED IN BLOOD IN THE EXTRACORPOREAL CIRCULATION**
[54] **DETERMINATION DE GAZ DISSOUS DANS LE SANG DANS LA CIRCULATION EXTRACORPORELLE**
[72] MAIERHOFER, ANDREAS, DE
[71] FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH, DE
[85] 2018-03-05
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[87] (WO2017/050899)
[30] DE (10 2015 012 519.2) 2015-09-26

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) C07K 16/30 (2006.01)**
[25] EN
[54] **TREATMENT METHOD**
[54] **METHODE DE TRAITEMENT**
[72] BACAC, MARINA, CH
[72] EVERS, STEFAN, CH
[72] KLEIN, CHRISTIAN, CH
[72] PISA, PAVEL, CH
[72] ROSSMANN, EVA, CH
[72] SARO, JOSE, CH
[72] UMANA, PABLO, CH
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2018-03-05
[86] 2016-12-06 (PCT/EP2016/079800)
[87] (WO2017/097723)
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[51] **Int.Cl. G06Q 10/06 (2012.01) G06F 17/30 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **ELECTRONIC COMMUNICATIONS AND DATA STORAGE SYSTEMS AND PROCESSES FOR INDUSTRIAL PROJECTS**
[54] **COMMUNICATIONS ELECTRONIQUES, ET SYSTEMES ET PROCEDES DE STOCKAGE DE DONNEES POUR PROJETS INDUSTRIELS**
[72] WERKLUND, DAVID PAUL, CA
[72] LANGUEDOC, SEAN, CA
[71] WERKLUND VENTURES LTD., CA
[85] 2018-03-05
[86] 2016-09-02 (PCT/IB2016/055282)
[87] (WO2017/037677)
[30] US (62/214,592) 2015-09-04

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[51] **Int.Cl. B29C 45/76 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING AN ACTUAL VOLUME OF AN INJECTION-MOLDABLE COMPOUND IN AN INJECTION MOLDING PROCESS**
[54] **PROCEDE POUR LA DETERMINATION D'UN VOLUME REEL D'UNE MASSE MOULABLE PAR INJECTION DANS UNE OPERATION DE MOULAGE PAR INJECTION**
[72] SCHIFFERS, REINHARD, DE
[72] MOSER, STEFAN, DE
[72] KRUPPA, STEFAN, DE
[72] BUSL, MATTHIAS, DE
[71] KRAUSSMAFFEI TECHNOLOGIES GMBH, DE
[85] 2018-03-05
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[30] DE (10 2015 117 237.2) 2015-10-09

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[51] **Int.Cl. C02F 1/465 (2006.01) C02F 1/461 (2006.01)**
[25] EN
[54] **A DEVICE FOR PURIFYING WATER AND ITS USE**
[54] **DISPOSITIF DE PURIFICATION D'EAU ET SON UTILISATION**
[72] KLEMOLA, MARTTI, FI
[71] ELWATER LTD OY, FI
[85] 2018-03-05
[86] 2016-09-01 (PCT/FI2016/050605)
[87] (WO2017/046444)
[30] FI (20150258) 2015-09-17

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[51] **Int.Cl. H05K 5/03 (2006.01) H01M 2/10 (2006.01) H05K 7/12 (2006.01)**
[25] EN
[54] **FIXING DEVICE**
[54] **DISPOSITIF DE FIXATION**
[72] CHITAKA, HIROKI, JP
[71] DENSO CORPORATION, JP
[85] 2018-03-05
[86] 2016-09-05 (PCT/JP2016/075932)
[87] (WO2017/061202)
[30] JP (2015-197774) 2015-10-05

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[13] A1
[51] **Int.Cl. D21F 1/52 (2006.01) D21F 5/18 (2006.01) D21F 9/00 (2006.01)**
[25] EN
[54] **A SUCTION DEVICE FOR USE IN A PAPERMAKING MACHINE AND A PAPERMAKING MACHINE USING A SUCTION DEVICE**
[54] **DISPOSITIF D'ASPIRATION DESTINE A ETRE UTILISE DANS UNE MACHINE A PAPIER, ET MACHINE A PAPIER UTILISANT UN DISPOSITIF D'ASPIRATION**
[72] BJERKE, MICHAEL, SE
[72] JEWITT, DENNIS, GB
[72] JOHANSSON, MATTIAS, SE
[71] VALMET AKTIEBOLAG, SE
[85] 2018-03-05
[86] 2015-11-12 (PCT/SE2015/051208)
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[51] **Int.Cl. H02J 9/00 (2006.01) H01M 8/04225 (2016.01) H01M 8/00 (2016.01) H01M 8/04 (2016.01) H02J 1/00 (2006.01) H02J 3/00 (2006.01) H02J 3/38 (2006.01)**
[25] EN
[54] **FUEL CELL SYSTEM RIDE-THROUGH OF ELECTRIC GRID DISTURBANCES**
[54] **TRAVERSEE DE SYSTEME DE A COMBUSTIBLE DE PERTURBATIONS DE RESEAU ELECTRIQUE**
[72] BERNTSEN, GEORGE, US
[72] PASQUALE, NICHOLAS, US
[71] FUELCELL ENERGY, INC., US
[85] 2018-03-05
[86] 2016-07-27 (PCT/US2016/044283)
[87] (WO2017/044196)
[30] US (14/849,274) 2015-09-09

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[51] **Int.Cl. C10G 29/22 (2006.01) B01D 53/52 (2006.01) C01B 17/16 (2006.01) C07C 43/03 (2006.01) C07C 43/04 (2006.01) C07C 43/13 (2006.01) C07C 47/02 (2006.01) C10G 21/16 (2006.01) C10G 29/00 (2006.01) C10G 29/24 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **HYDROGEN SULFIDE SCAVENGERS**
[54] **PIEGES CHIMIQUES POUR LE SULFURE D'HYDROGENE**
[72] JONES, IAN MICHAEL, US
[72] SORRELLS, JENNIFER L., US
[72] STARK, JOSEPH L., US
[71] ECOLAB USA INC., US
[85] 2018-03-05
[86] 2016-08-12 (PCT/US2016/046813)
[87] (WO2017/044248)
[30] US (62/215,542) 2015-09-08

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[51] **Int.Cl. E04B 9/00 (2006.01) E04B 1/80 (2006.01) E04B 9/04 (2006.01)**
[25] EN
[54] **CEILING SYSTEM**
[54] **SYSTEME DE PLAFOND**
[72] FRANTZ, WILLIAM H., US
[72] SIRDESHPANDE, GOURISH, US
[72] OLESKE, PETER J., US
[72] MYERS, JERE W., US
[72] ROY, KENNETH P., US
[72] WIKER, ANTHONY L., US
[72] WEIR, SHANNON M., US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
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[72] TREADWELL, SIMON, CA
[71] SIGNIFI SOLUTIONS INC., CA
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[54] **ELEMENT DE FIXATION POUR RETENUE D'ARTICLE A MONTAGE A FLEUR**
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[72] LAKE, JENNIFER, US
[72] BENTRIM, BRIAN, US
[71] PENN ENGINEERING & MANUFACTURING CORP., US
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[54] **CAISSE RUGUEUSE POUR CREER DES PENETRATIONS DANS UN REVETEMENT DE SOL EN BETON COULE ET PROCEDE D'UTILISATION**
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[72] O'SULLIVAN, DONAL, US
[71] WALK SAFE INNOVATIONS, LLC, US
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[54] **DETERMINATION DE RANG DE RESEAU POUR UNE COMMUNICATION VERS DES N□UDS VOISINS**
[72] HOLCOMBE, MICHAEL SEAN, US
[72] CALVERT, CHRISTOPHER SEAN, US
[71] LANDIS+GYR INNOVATIONS, INC., US
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[54] **SYSTEMES ET PROCEDES DE SIGNALISATION ET DE GENERATION DE CHAMPS D'ACCUSE DE RECEPTION DE BLOC DE LONGUEUR VARIABLE DANS UN RESEAU SANS FIL**
[72] MERLIN, SIMONE, US
[72] ASTERJADHI, ALFRED, US
[72] TIAN, BIN, US
[72] CHERIAN, GEORGE, US
[72] CHO, JAMES, US
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[54] **SCHEMA DE RACCORDEMENT FLUIDIQUE ENTRE RESERVOIR, POMPE ET ELEMENT DE REMPLISSAGE**
[72] PIZZOCHERO, ALESSANDRO, US
[72] GYORY, J. RICHARD, US
[72] ISKANDAR, JOSEPH, US
[72] HWANG, CHARLES, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **CONFIGURATION DE CANAL POUR LA COEXISTENCE SUR UN SUPPORT DE COMMUNICATION PARTAGE**
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[72] LUO, TAO, US
[72] KADOUS, TAMER ADEL, US
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[54] **HIGH THROUGHPUT, FEEDBACK-CONTROLLED ELECTROPORATION MICRODEVICE FOR EFFICIENT MOLECULAR DELIVERY INTO SINGLE CELLS**
[54] **MICRODISPOSITIF D'ELECTROPORATION A DEBIT ELEVE ET A COMMANDE DE RETROACTION POUR L'ADMINISTRATION MOLECULAIRE EFFICACE A DES CELLULES UNIQUES**
[72] ZAHN, JEFFREY, US
[72] ZHENG, MINGDE, US
[72] SHREIBER, DAVID I., US
[72] LIN, HAO, US
[72] SHAN, JERRY W., US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
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[54] **REMOTE HEALTHCARE DELIVERY DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS, SYSTEMES ET METHODES D'ADMINISTRATION DE SOINS DE SANTE A DISTANCE**
[72] MACOVIAK, JAMES J., US
[72] MACOVIAK, JOHN A., US
[72] MACOVIAK, RICHARD L., US
[71] REMEDEV, INC., US
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[54] **DISPOSITIF DE CONTRE-MESURE PORTABLE UTILE CONTRE DES SYSTEMES SANS EQUIPAGE**
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[72] STAMM, DANIEL E., US
[71] BATTELLE MEMORIAL INSTITUTE, US
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[54] **INHIBITEURS DE L'ASGR POUR REDUIRE LES TAUX DE CHOLESTEROL**
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[72] COWARD, PETER, US
[72] MURAWSKY, CHRISTOPHER, CA
[72] PIPER, DEREK E., US
[72] GARCES, FERNANDO, US
[72] ZHANG, JUN, US
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[54] **STEADY STATE FLUID FLOW VERIFICATION FOR SAMPLE TAKEOFF**
[54] **VERIFICATION DE L'ECOULEMENT DE FLUIDE A L'ETAT STABLE POUR LE PRELEVEMENT D'ECHANTILLONS**
[72] THOMPSON, KENNETH O., US
[72] WARNER, KEVIN, US
[71] MUSTANG SAMPLING, LLC, US
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[54] **DESIDENTIFICATION DYNAMIQUE DE DONNEES DE SANTE**
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[72] JAGANNATHAN, VASUDEVAN, US
[72] POLZIN, THOMAS, US
[72] WARE, HENRY W., US
[71] MMODAL IP LLC, US
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[54] **USER EQUIPMENT AND WIRELESS COMMUNICATION METHOD**
[54] **EQUIPEMENT UTILISATEUR ET PROCEDE DE COMMUNICATION SANS FIL**
[72] WANG, LILEI, CN
[72] SUZUKI, HIDETOSHI, JP
[72] HOSHINO, MASAYUKI, JP
[72] WANG, LI, CN
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
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[25] EN
[54] **STIRRING MEMBER, STIRRING ROD ARRANGEMENT AS WELL AS TRANSPORT AND STORAGE CONTAINER FOR LIQUIDS HAVING A STIRRING MEMBER ARRANGEMENT**
[54] **ORGANE D'AGITATION, ENSEMBLE BAGUETTE D'AGITATION ET CONTENANT DE TRANSPORT ET DE STOCKAGE POUR LIQUIDES EQUIPE D'UN ENSEMBLE BAGUETTE D'AGITATION**
[72] BLOMER, PETER, DE
[72] BUSCH, CARSTEN, DE
[71] PROTECHNA S.A., CH
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[54] **A METHOD FOR PRODUCING WATER SOLUABLE COPOLYMER FLOCCULANTS**
[54] **UNE METHODE DE PRODUCTION DE FLOCULANTS COPOLYMERIQUES HYDROSULUBLES**
[72] GU, GUOXING, CA
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[25] FR
[54] **WARNING DEVICE INCLUDING A RADIO BEACON SECURED TO A CHILD CAR SEAT THAT SENDS AN ALERT MESSAGE TO A SMART PHONE PAIRED TO IT WHEN THE PHONE IS TOO FAR AWAY**
[54] **DISPOSITIF D'AVERTISSEMENT COMPRENANT UNE RADIOBALISE FIXEE A UN SIEGE D'AUTO POUR ENFANTS QUI ENVOIE UN MESSAGE D'ALERTE A UN TELEPHONE INTELLIGENT Y ETANT JUMELE LORSQUE CE DERNIER S'Y EN ELOIGNE A UNE DISTANCE TROP ELEVEE**
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[54] **A MULTI-VIEW PLANAR NEAR-FIELD SCATTERING TOMOGRAPHY SYSTEM**
[54] **SYSTEME DE TOMOGRAPHIE PAR DIFFUSION EN CHAMP PROCHE PLANAIRE MULTIANGLE**
[72] SAFAVI-NAEINI, SAFIEDDIN, CA
[72] SHAHIR, SHAHED, CA
[71] OZ OPTICS LTD., CA
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[72] DUCLOS, DONALD J., CA
[72] WANG, ZONGXUN, CA
[72] INGRAM, JOHN A., CA
[71] MAGNA INTERNATIONAL INC., CA
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[54] **COMPRESSION MOLDING ASSEMBLY AND METHODS FOR MOLDING A THERMOPLASTIC BLOCKER DOOR**
[54] **ASSEMBLAGE DE MOULAGE PAR COMPRESSION ET METHODES DE MOULAGE D'UN VOLET INVERSEUR THERMOPLASTIQUE**
[72] GAW, KEVIN O'BRIEN, US
[72] NILL, MICHAEL A., US
[72] BOOKER, GARY ANTHONY, US
[72] DARK, STEPHEN, US
[72] FOURNIER, LAURA, US
[72] GROVE, RANDY J., US
[72] BARENE, DAVID JOHN, US
[72] LINGELBACH, JESTON, US
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[72] FOUTCH, DAVID W., US
[72] LARSON, MICHAEL H., US
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[25] FR
[54] **LIQUID/LIQUID EXTRACTION**
[54] **EXTRACTION LIQUIDE / LIQUIDE**
[72] LEGRAND, JACQUES, FR
[72] MERCIER, EGLANTINE, FR
[72] SAUNOIS, ALEX, FR
[71] LABORATOIRES EXPANSCIENCE, FR
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[54] **MELANGES DE REBAUDIOSIDE-MIGROSIDE V**
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[72] CARLSON, ALFRED, US
[72] POHRTE, BRIAN TIMOTHY, US
[72] QUINLAN, MARY, US
[72] SCHUNK, TIMOTHY C., US
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[71] TATE & LYLE INGREDIENTS AMERICAS LLC, US
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[25] EN
[54] **GENES THAT INCREASE PLANT OIL AND METHOD FOR USING THE SAME**
[54] **GENES QUI AUGMENTENT LA TENEUR EN HUILE D'UN VEGETAL ET METHODE D'UTILISATION ASSOCIEE**
[72] CHATANI, HIROSHI, JP
[72] OHTO, CHIKARA, JP
[72] OKAMURA, YUKIO, JP
[72] MITSUKAWA, NORIHIRO, JP
[72] MURAMOTO, NOBUHIKO, JP
[72] TAKAGI, MASARU, JP
[72] MITSUDA, NOBUTAKA, JP
[72] KOYAMA, TOMOTSUGU, JP
[72] MATSUI, KYOKO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2008-12-05
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[25] EN
[54] **GENES THAT INCREASE PLANT OIL AND METHOD FOR USING THE SAME**
[54] **GENES QUI AUGMENTENT LA TENEUR EN HUILE D'UN VEGETAL ET METHODE D'UTILISATION ASSOCIEE**
[72] CHATANI, HIROSHI, JP
[72] OHTO, CHIKARA, JP
[72] OKAMURA, YUKIO, JP
[72] MITSUKAWA, NORIHIRO, JP
[72] MURAMOTO, NOBUHIKO, JP
[72] TAKAGI, MASARU, JP
[72] MITSUDA, NOBUTAKA, JP
[72] KOYAMA, TOMOTSUGU, JP
[72] MATSUI, KYOKO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[25] EN
[54] **GENES THAT INCREASE PLANT OIL AND METHOD FOR USING THE SAME**
[54] **GENES QUI AUGMENTENT LA TENEUR EN HUILE D'UN VEGETAL ET METHODE D'UTILISATION ASSOCIEE**
[72] CHATANI, HIROSHI, JP
[72] OHTO, CHIKARA, JP
[72] OKAMURA, YUKIO, JP
[72] MITSUKAWA, NORIHIRO, JP
[72] MURAMOTO, NOBUHIKO, JP
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[72] MITSUDA, NOBUTAKA, JP
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[54] **ENSEMBLE CATHETER**
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[71] B. BRAUN MELSUNGEN AG, DE
[22] 2014-08-18
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[30] GB (1314953.9) 2013-08-21
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[25] EN
[54] **GENES THAT INCREASE PLANT OIL AND METHOD FOR USING THE SAME**
[54] **GENES QUI AUGMENTENT LA TENEUR EN HUILE D'UN VEGETAL ET METHODE D'UTILISATION ASSOCIEE**
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[72] OHTO, CHIKARA, JP
[72] OKAMURA, YUKIO, JP
[72] MITSUKAWA, NORIHIRO, JP
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[54] **GENES QUI AUGMENTENT LA TENEUR EN HUILE D'UN VEGETAL ET METHODE D'UTILISATION ASSOCIEE**
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[72] OKAMURA, YUKIO, JP
[72] MITSUKAWA, NORIHIRO, JP
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[54] **PROCEDES DE FABRICATION DE POUDRES DE DIBORURE DE TITANE**
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[54] **NOUVEAUX ANTICORPS ANTI-CD38 POUR LE TRAITEMENT DU CANCER**
[72] PARK, PETER U., US
[72] BARTLE, LAURA M., US
[72] SKALETSKAYA, ANNA, US
[72] GOLMAKHER, VIKTOR S., US
[72] TAVARES, DANIEL, US
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[54] **MODIFICATIONS DE COMPOSITIONS PEPTIDIQUES POUR AUGMENTER LA STABILITE ET L'EFFICACITE D'ADMINISTRATION**
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[71] KAI PHARMACEUTICALS, INC., US
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[54] **PROMOTEURS DE BRASSICA NAPUS POUR L'EXPRESSION DE GENES SPECIFIQUE DE GRAINES**
[72] BAUER, JORG, DE
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[54] **RECOMBINANT PROTEINS OF PARAPOXVIRUS OVIS AND PHARMACEUTICAL COMPOSITIONS THEREFROM**
[54] **PROTEINES RECOMBINEES DE PARAPOXVIRUS OVIS ET COMPOSITIONS PHARMACEUTIQUES PRODUITES A PARTIR DE CELLES-CI**
[72] WEBER, OLAF, DE
[72] FRIEDERICHS, SONJA MARIA, DE
[72] SIEGLING, ANGELA, AU
[72] SCHLAPP, TOBIAS, DE
[72] MERCER, ANDREW ALLAN, NZ
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[54] **SIMIAN ADENOVIRUS NUCLEIC ACID AND AMINO ACID SEQUENCES, VECTORS CONTAINING SAME, AND METHODS OF USE**
[54] **SEQUENCES D'ACIDES NUCLEIQUES ET D'ACIDES AMINES D'ADENOVIRUS SIMIENS, VECTEURS LES CONTENANT ET PROCEDES D'UTILISATION ASSOCIES**
[72] WILSON, JAMES M., US
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[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **NOVEL DGAT GENES FOR INCREASED SEED STORAGE LIPID PRODUCTION AND ALTERED FATTY ACID PROFILES IN OILSEED PLANTS**
[54] **NOUVEAUX GENES DGAT PERMETTANT D'OBTENIR UNE PRODUCTION ACCRUE DE LIPIDES DE STOCKAGE DE SEMENCES ET DES PROFILS MODIFIES D'ACIDES GRAS DANS DES PLANTES A GRAINES OLEAGINEUSES**
[72] MEYER, KNUT, US
[72] DAMUDE, HOWARD GLENN, US
[72] LI, CHANGJIANG, US
[72] ROESLER, KEITH, US
[72] SHEN, BO, US
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[72] TARCZYNSKI, MITCHELL C. (DECEASED), US
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[54] **YEAST ORGANISM PRODUCING ISOBUTANOL AT A HIGH YIELD**
[54] **ORGANISME DE LEVURE PRODUISANT DE L'ISOBUTANOL A UN RENDEMENT ELEVE**
[72] FELDMAN, REID M. RENNY, US
[72] GUNAWARDENA, UVINI, US
[72] URANO, JUN, US
[72] MEINHOLD, PETER, US
[72] ARISTIDOU, ARISTOS, US
[72] DUNDON, CATHERINE ASLESON, US
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[54] **SINGLE NUCLEOTIDE POLYMORPHISMS ASSOCIATED WITH CARDIOVASCULAR DISORDERS AND STATIN RESPONSE, METHODS OF DETECTION AND USES THEREOF**
[54] **POLYMORPHISMES NUCLEOTIDES SIMPLES ASSOCIES A DES TROUBLES CARDIOVASCULAIRES ET A UNE REPONSE AU MEDICAMENT, LEURS PROCEDES DE DETECTION ET D'UTILISATION**
[72] CARGILL, MICHELE, US
[72] IAKOUBOVA, OLGA, US
[72] DEVLIN, JAMES J., US
[72] TSHUCHIHASHI, ZENTA, US
[72] SHAW, PETER, US
[72] PLOUGHMAN, LYNN MARIE, US
[72] ZERBA, KIM E., US
[72] KOUSTUBH, RANADE, US
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[54] **USE OF POLYDEXTROSE FOR SIMULATING THE FUNCTIONAL ATTRIBUTES OF HUMAN MILK OLIGOSACCHARIDES IN FORMULA-FED INFANTS**
[54] **UTILISATION DE LA POLYDEXTROSE POUR SIMULER LES CARACTERISTIQUES FONCTIONNELLES DES OLIGOSACCHARIDES DU LAIT MATERNEL, POUR DES BEBES ALLAITES ARTIFICIELLEMENT**
[72] PETSCHOW, BYRON W., US
[72] MCMAHON, ROBERT J., US
[72] GIBSON, GLENN R., GB
[72] RASTALL, ROBERT A., GB
[72] GEMMELL, RENIA, US
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[54] **PROCEDES, SYSTEMES, ET APPAREIL DE PRODUCTION CYCLOTRONIQUE DE TECHNETIUM-99M**
[72] SCHAFFER, PAUL, CA
[72] HANEMAAYER, VICTOIRE, CA
[72] ZEISLER, STEFAN K., CA
[71] TRIUMF, CA
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[54] **SYSTEME INTEGRE POUR NETTOYER UN OS ET BROYER L'OS NETTOYE POUR FORMER DES FRAGMENTS D'OS**
[72] STRATTON, DENNIS, US
[72] VELDKAMP, DAVID J., US
[72] HEFFERNAN, ERIC M., US
[72] GOLDENBERG, DAVE S., US
[72] CHAMBERLIN, CHRIS, US
[72] DIEHL, ERIC K., US
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[72] ORAND, AUSTIN, US
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[54] **ENSEMBLE DE CAPTEUR DE LANCETTE ET DOSEUR**
[72] FOWLER, JAMES E., US
[72] DAGGETT, ROBERT, US
[72] SIDWELL, JAMES S., US
[72] ROBBINS, AVI M., US
[72] RUF, CHRIS, US
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[71] NOVA BIOMEDICAL CORPORATION, US
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[71] AVENT, INC., US
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[54] **CASCADES THERMOFORMEES POUR INVERSEURS DE POUSSEE DE MOTEUR A REACTION**
[72] BARTEL, AARON WILLIAM, US
[72] MORROW, ROBERT DAREL, US
[72] SCOTT, ALAN JAMES, US
[72] CURAUDEAU, ALEXANDRE D., US
[72] OLANIYAN, TUNDE ABIODUN, US
[72] ENGLAND, LEONARD JOSEPH, US
[72] WILKERSON, RANDALL DOW, US
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[54] **DISPOSITIFS DE TAMISAGE MOULES PAR INJECTION ET PROCEDES**
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[71] DERRICK CORPORATION, US
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[54] **DISPOSITIFS DE LIGATURE TISSULAIRE ET LEURS COMMANDES**
[72] FUNG, GREGORY W., US
[72] SEIBER, RUSSELL A., US
[72] SAGER, EDUARDO, US
[72] MILLER, GARY H., US
[72] GARCIA, MARIA, US
[72] HELMUTH, RYAN DOUGLAS, US
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[71] SENTREHEART, INC., US
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[54] **DISPOSITIFS ET PROCEDES SERVANT A FACILITER LE TRANSPORT DE FLUIDE**
[72] ESCUTIA, RAUL, US
[72] EMERY, JEFFREY L., US
[71] INTUITY MEDICAL, INC., US
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[54] **HUMIDIFICATEUR A DERIVATION AVEC REGULATION PAR REGISTRE**
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[72] QUAM, DAVID, US
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[54] **TIME DIVISION MULTIPLEXING (TDM) AND WAVELENGTH DIVISION MULTIPLEXING (WDM) FAST-SWEEP INTERROGATOR**
[54] **INTERROGATEUR A BALAYAGE RAPIDE A MULTIPLEXAGE PAR REPARTITION DANS LE TEMPS ET MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE**
[72] TAVERNER, DOMINO, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **REGISTRE DE VIDANGE A PROFIL BAS POUR UN WAGON-TREMIE**
[72] SENN, BRIAN A., US
[72] KRIES, ANDY R., US
[72] WORTHINGTON, ROBERT J., US
[72] CHARNEY, RICHARD M., US
[71] MINER ENTERPRISES, INC., US
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[54] **PASSIVE DOUBLE DRIVE MEMBER ACTIVATED SAFETY BLOOD COLLECTION DEVICE**
[54] **DISPOSITIF DE COLLECTE DE SANG A SURETE ACTIVEE PAR UN DOUBLE ELEMENT D'ENTRAINEMENT PASSIF**
[72] WILKINSON, BRADLEY M., US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **METHOD AND A SYSTEM FOR COMBINED HYDROGEN AND ELECTRICITY PRODUCTION USING PETROLEUM FUELS**
[54] **PROCEDE ET SYSTEME POUR UNE PRODUCTION COMBINEE D'HYDROGENE ET D'ELECTRICITE A L'AIDE DE CARBURANTS A BASE DE PETROLE**
[72] JAMAL, AQIL, SA
[72] PHAM, THANG, SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **SYSTEME ET FONCTIONNALITE D'ENDOSCOPE SOUPLE**
[72] TERLIUC, GAD, IL
[72] LURIA, GILAD, IL
[72] SHAFRAN, OHAD, IL
[71] SMART MEDICAL SYSTEMS LTD., IL
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[54] **DERMATOLOGICAL PHARMACEUTICAL COMPOSITION SUITABLE FOR OLIGONUCLEOTIDES**
[54] **COMPOSITION PHARMACEUTIQUE DERMATOLOGIQUE ADAPTEE AUX OLIGONUCLEOTIDES**
[72] SCHMIDTS, THOMAS, DE
[72] GARN, HOLGER, DE
[72] RUNKEL, FRANK, DE
[71] STERNA BIOLOGICALS GMBH & CO. KG, DE
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[54] **GENERATION D'UNITES D'HISTOIRE SPONSORISEE COMPRENANT DES ARTICLES RELATIFS ET DES ELEMENTS D'ENTREE**
[72] ADAMS, PAUL, US
[72] PAI, CAROL CHIA-FAN, US
[71] FACEBOOK, INC., US
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[21] **2,996,732**
[13] A1
[51] **Int.Cl. C07K 14/82 (2006.01) A61K 38/17 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 37/04 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **PRAME DERIVED PEPTIDES AND IMMUNOGENIC COMPOSITIONS COMPRISING THESE**
[54] **PEPTIDES DERIVES DE PRAME ET COMPOSITIONS IMMUNOGENES COMPRENANT CEUX-CI**
[72] KESSLER, JAN, NL
[72] GRIFFIOEN, MARIEKE, NL
[72] MELIEF, CORNELIS JOHANNES MARIA, NL
[72] DRIJFHOUT, JAN WOUTER, NL
[71] ACADEMISCH ZIEKENHUIS LEIDEN H.O.D.N. LUMC, NL
[22] 2008-03-26
[41] 2008-10-02
[62] 2,681,132
[30] EP (07104893.8) 2007-03-26

[21] **2,996,757**
[13] A1
[51] **Int.Cl. A61K 31/714 (2006.01) A61K 31/20 (2006.01)**
[25] EN
[54] **ORAL B12 THERAPY**
[54] **THERAPIE ORALE A LA VITAMINE B12**
[72] CASTELLI, CRISTINA, US
[71] EMISPHERE TECHNOLOGIES, INC., US
[22] 2011-02-23
[41] 2011-09-01
[62] 2,790,708
[30] US (61/307,836) 2010-02-24

[21] **2,996,759**
[13] A1
[51] **Int.Cl. C12Q 1/6883 (2018.01) C12Q 1/6806 (2018.01) C12Q 1/686 (2018.01) C12Q 1/68 (2018.01)**
[25] FR
[54] **MUTATION OF THE PARKIN GENE, COMPOSITIONS, METHODS AND USES**
[54] **MUTATIONS DU GENE DE LA PARKINE, COMPOSITIONS, METHODES ET UTILISATIONS**
[72] BRICE, ALEXIS, FR
[72] LUCKING, CHRISTOPHE, FR
[72] ABBAS, NACER EDDINE, FR
[72] DENEFLE, PATRICE, FR
[72] RICARD, SYLVAIN, FR
[72] BOULEY, SANDRINE, FR
[71] AVENTIS PHARMA S.A., FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[22] 1999-11-18
[41] 2000-06-02
[62] 2,872,581
[30] FR (9814524) 1998-11-19
[30] US (60124239) 1999-03-12
[30] FR (9910140) 1999-08-04

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[21] **2,996,784**
[13] A1
[51] **Int.Cl. G10H 1/00 (2006.01) G06F 19/00 (2018.01) G10G 1/04 (2006.01) G10H 1/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF RECEIVING, ANALYZING, AND EDITING AUDIO TO CREATE MUSICAL COMPOSITIONS**
[54] **SYSTEME ET PROCEDE DE RECEPTION, D'ANALYSE ET D'EMISSION DE CONTENU AUDIO POUR CREER DES COMPOSITIONS MUSICALES**
[72] SERLETIC, MATT, US
[72] SAVO, TRAVIS ROBERT, US
[72] CAPODIECI, FRANCESCO GERALD, US
[72] RASSOOL, REZA, US
[72] WINTER, MICHAEL, US
[71] MUSIC MASTERMIND, INC., US
[22] 2010-06-01
[41] 2010-12-09
[62] 2,764,042
[30] US (61/182,982) 2009-06-01
[30] US (61/248,238) 2009-10-02
[30] US (61/266,472) 2009-12-03

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[21] **2,996,790**
[13] A1
[51] **Int.Cl. G01V 1/26 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR CORRECTING THE TIMING FUNCTION IN A NODAL SEISMIC DATA ACQUISITION UNIT**
[54] **PROCEDE ET APPAREIL DE CORRECTION DE LA FONCTION DE SYNCHRONISATION DANS UNE UNITE NODALE D'ACQUISITION DE DONNEES SISMIQUES**
[72] RAY, CLIFFORD H., US
[72] FISSELER, GLENN D., US
[72] GUYTON, WILLIAM, US
[71] FAIRFIELD INDUSTRIES INCORPORATED, US
[22] 2008-11-04
[41] 2009-05-28
[62] 2,700,280
[30] US (60/994,711) 2007-09-21
[30] US (11/977,580) 2007-10-25

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[21] **2,996,825**
[13] A1
[51] **Int.Cl. G06T 9/00 (2006.01) H04N 19/124 (2014.01) H04N 19/18 (2014.01)**
[25] EN
[54] **AN IMAGE DECODING APPARATUS FOR OBTAINING A DECODED IMAGE BY DECODING AN ENCODED DATA**
[54] **APPAREIL DE DECODAGE D'IMAGE PERMETTANT D'OBTENIR UNE IMAGE DECODEE PAR DECODAGE DE DONNEES CODEES**
[72] KEROFSKY, LOUIS JOSEPH, US
[71] DOLBY INTERNATIONAL AB, NL
[22] 2002-08-08
[41] 2003-02-27
[62] 2,946,257
[30] US (60/311,436) 2001-08-09
[30] US (60/319,018) 2001-11-30
[30] US (10/139,036) 2002-05-02

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[21] **2,997,062**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) H05B 1/02 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **ELECTRONIC INHALATION DEVICE**
[54] **DISPOSITIF D'INHALATION ELECTRONIQUE**
[72] LORD, CHRISTOPHER, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[22] 2013-10-09
[41] 2014-04-24
[62] 2,886,922
[30] GB (1218817.3) 2012-10-19

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[21] **2,997,065**
[13] A1
[51] **Int.Cl. H04N 21/4227 (2011.01) H04N 21/40 (2011.01) H04N 21/431 (2011.01) H04N 21/433 (2011.01) H04N 21/462 (2011.01) H04N 21/472 (2011.01) H04N 21/647 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING REMOTE ACCESS TO INTERACTIVE MEDIA GUIDANCE APPLICATIONS**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'UN ACCES A DISTANCE A DES APPLICATIONS DE GUIDAGE MULTIMEDIA INTERACTIVES**
[72] OLAGUE, CRAIG ALAN, US
[72] ARCHER, KUAN HIDALGO, US
[72] STRADER, CHRISTOPHER, US
[72] CHILVERS, HENRY C., JR., US
[71] ROVI GUIDES, INC., US
[22] 2008-03-28
[41] 2008-10-30
[62] 2,700,362
[30] US (11/788669) 2007-04-20

[21] **2,997,089**
[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01) G01D 21/02 (2006.01)**
[25] EN
[54] **ELECTRONIC VAPOUR PROVISION DEVICE**
[54] **DISPOSITIF DE FOURNITURE DE VAPEUR ELECTRONIQUE**
[72] LORD, CHRISTOPHER, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[22] 2013-10-09
[41] 2014-04-24
[62] 2,886,490
[30] GB (1218816.5) 2012-10-19

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[21] **2,997,092**
[13] A1
[51] **Int.Cl. F04B 49/00 (2006.01) E21B 28/00 (2006.01) E21B 37/00 (2006.01) F04B 47/02 (2006.01) F04B 49/06 (2006.01)**
[25] EN
[54] **SUBTERRANEAN PUMP WITH PUMP CLEANING MODE**
[54] **POMPE SOUTERRAINE AVEC MODE DE NETTOYAGE DE POMPE**
[72] PETERSON, RONALD G., US
[72] BENDER, JONATHAN D., US
[71] UNICO, INC., US
[22] 2015-05-06
[41] 2015-11-12
[62] 2,943,898
[30] US (61/990,492) 2014-05-08
[30] US (14/704,079) 2015-05-05

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[21] **2,997,099**
[13] A1
[51] **Int.Cl. B64D 11/02 (2006.01)**
[25] EN
[54] **MODULAR LAVATORY WITH ALCOVE**
[54] **TOILETTES MODULAIRES COMPRENANT UNE ALCOVE**
[72] SCOLEY, IAN GEOFFREY, US
[72] SAVIAN, SCOTT, US
[71] C&D ZODIAC, INC., US
[22] 2014-02-19
[41] 2014-08-28
[62] 2,900,394
[30] US (61/906,794) 2013-11-20
[30] US (61/858,073) 2013-07-24
[30] US (61/842,292) 2013-07-02
[30] US (61/766,665) 2013-02-19

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[21] **2,997,251**
[13] A1
[51] **Int.Cl. H04L 27/38 (2006.01) H03M 13/11 (2006.01) H03M 13/27 (2006.01)**
[25] EN
[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 64800 AND CODE RATE OF 7/15 AND QUADRATURE PHASE SHIFT KEYING, AND BIT INTERLEAVING METHOD USING SAME**
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[72] PARK, SUNG-IK, KR
[72] KWON, SUN-HYOUNG, KR
[72] LEE, JAE-YOUNG, KR
[72] KIM, HEUNG-MOOK, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[22] 2015-01-28
[41] 2015-07-29
[62] 2,880,594
[30] KR (10-2014-0011492) 2014-01-29
[30] KR (10-2015-0002166) 2015-01-07

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AKISHIN, DMYTRIY IVANOVICH	2,996,705
AL-BEDAIWI, MOHAMMAD	2,997,379
ALBANY ENGINEERED COMPOSITES, INC.	2,996,955
ALCORN, TIMOTHY	2,997,093
ALEN, THOMAS	2,996,698
ALLAM, RODNEY JOHN	2,996,904
ALLEN, THOMAS	2,996,868
ALLIO, MICHAEL	2,997,221
ALNYLAM PHARMACEUTICALS, INC.	2,996,701
ALNYLAM PHARMACEUTICALS, INC.	2,996,873
ALTENHOFEN, MEREDITH	2,997,379
ALZHEON, INC.	2,997,376
AMAZENTIS SA	2,996,724
AMAZENTIS SA	2,996,725
AMAZON TECHNOLOGIES, INC.	2,996,884
AMBERG, WILHELM	2,996,741
AMERIVISION INTERNATIONAL, INC.	2,996,990
AMGEN INC.	2,997,444
AMICUS THERAPEUTICS, INC.	2,996,428
ANAI, MAO	2,997,048
ANDERSSON, BENNY	2,997,003
ANDO, SEIICHI	2,996,871
ANDREUX, PENELOPE	2,996,724
ANDREUX, PENELOPE	2,996,725
ANDREWS, JONN-ROSS	2,996,968
ANGIBAUD, PATRICK RENE	2,996,857
ANGIBAUD, PATRICK RENE	2,996,989
ANTENEN, DOMINIK	2,990,862
AOKI, TASUKU	2,997,390
APPLIED PHYSICAL SCIENCES CORP.	2,996,954
ARAKAWA, HIROKAZU	2,996,860
ARAMCO SERVICES COMPANY	2,996,896
AREVA NC	2,988,359
ARIHARA, KAZUKI	2,996,870
ARIKATLA, VARAPRASAD	2,996,875
ARIMA, HIROSHI	2,997,240
ARMSTRONG WORLD INDUSTRIES, INC.	2,997,417
ARRUDA, BAILEY LAUREN	2,996,629
ARRUDA, PAULO HENRIQUE ELIAS	2,996,629
ASAI, TOSHIHIRO	2,997,046
ASAI, TOSHIHIRO	2,997,171
ASHELIN, CHARLES J.	2,996,521
ASKEW, JIM B.	2,996,437
ASSAD, NADER	2,997,058
ASTERJADHI, ALFRED	2,997,425
ATLANTIC PACIFIC EQUIPMENT, INC.	2,997,026
ATLAS ELECTRONIK GMBH	2,997,197
AUSSEUR, FREDERIC	2,997,058
AVENT, INC.	2,996,489
AVENT, INC.	2,996,690
AZDOUFFAL, SANAE	2,996,711
B/E AEROSPACE, INC.	2,996,618
B/E AEROSPACE, INC.	2,996,619
BACAC, MARINA	2,997,406
BAHARUDDIN, MAGHFURI	2,997,366
BAI, CHEN	2,988,806
BAILEY, MATTHEW	2,996,721
BAKER HUGHES, A GE COMPANY, LLC	2,996,554
BAKER, RICHARD STEPHEN	2,997,017
BAKKER, JAN HENDRIK LUCAS	2,996,449
BALASHANMUGAM, SOBAN	2,996,950
BALASHANMUGAM, SOBAN	2,996,953
BALASUBRAMANIAN, RAMAKRISHNAN	2,997,140
BALES, ELIZABETH B.	2,997,281
BALSTAD, ROBERT WILLIAM	2,996,900
BANAVARA, DATTATREYA	2,997,259
BANKS, GEORGE J.	2,997,049
BANU, MIHAI	2,996,608
BANU, MIHAI	2,996,609
BARA, ROD	2,996,623
BARA, ROD	2,997,253
BARAK, EHUD	2,997,349
BARDIOT, DOROTHEE ALICE MARIE-EVE	2,996,856
BARJATYA, AMIT	2,996,636
BARKER, IAN A.	2,996,948
BARNEA, EYTAN R.	2,996,874
BARNES, GAVIN A.	2,996,440
BARRY, SIMON	2,996,944
BARTMAN, LORI EVANS	2,996,862
BATES, DAVID M.	2,997,294
BATTELLE MEMORIAL INSTITUTE	2,997,443
BAUER, ECKHARD	2,991,535
BAUM, ERICH W.	2,997,393
BAUZA, AARON	2,997,274
BAXTER INTERNATIONAL INC.	2,996,853
BAYER PHARMA AKTIENGESELLSCHAFT	2,990,076
BAYER PHARMA AKTIENGESELLSCHAFT	2,990,394
BAYER PHARMA AKTIENGESELLSCHAFT	2,990,398
BAYER PHARMA AKTIENGESELLSCHAFT	2,990,408
BAYER PHARMA AKTIENGESELLSCHAFT	2,996,434
BAYRAKTAR, HARUN H.	2,996,955
BAZEN, JAN	2,996,615
BAZEN, JAN	2,996,616
BEAMISH, BRIAN	2,996,708
BECKER, MATTHEW L.	2,996,948
BECKMAN, ERIC J.	2,996,949
BECTON, DICKINSON AND COMPANY	2,996,863
BECTON, DICKINSON AND COMPANY	2,997,427
BEETON, EVAN	2,996,548
BEETON, EVAN	2,996,549
BELL, CRAIG A.	2,996,948
BELVAL, LORENE	2,996,463
BENDER, STEVE	2,997,080
BENDIX SPICER FOUNDATION BRAKE LLC	2,997,351
BENJAMIN, SELDON DAVID	2,997,177

BENTRIM, BRIAN 2,997,419
BERKSHIRE GREY INC. 2,996,698
BERKSHIRE GREY INC. 2,996,868
BERNARD, ADRIAN 2,996,855
BERNDT, SANDRA 2,990,076
BERNDT, SANDRA 2,990,394
BERNDT, SANDRA 2,990,408
BERNIER, ALAIN 2,997,300
BERNTSEN, GEORGE 2,997,414
BESSONOV, ALEXANDER 2,996,460
BEYER, ANDREAS M. 2,996,951
BHARGAVA, MANOJ 2,997,093
BIALAS, MICHAEL R. 2,996,435
BIALEK, JADWIGA MALGORZATA 2,989,490
BIESHEUVEL, WILLEM 2,996,886
BIOATLA, LLC 2,996,514
BIOCOMPATIBLES UK LIMITED 2,996,692
BIOINCEPT, LLC 2,996,874
BIOMEDICAL ENTERPRISES, INC. 2,997,216
BIOMERIEUX, INC. 2,996,498
BJERKE, MICHAEL 2,997,412
BLACK, MARC S. 2,996,630
BLACKBERRY LIMITED 2,996,449
BLACKHURST, JASON 2,997,379
BLAIR, STEWART 2,996,849
BLANCO-BOSE, WILLIAM 2,996,724
BLANCO-BOSE, WILLIAM 2,996,725
BLANDINO, THOMAS P. 2,996,835
BLANVALET, CLAUDE 2,997,306
BLODGETT, ROBERT 2,997,021
BLOMER, PETER 2,997,466
BLUE DANUBE SYSTEMS, INC. 2,996,608
BLUE DANUBE SYSTEMS, INC. 2,996,609
BLUEBIRD BIO, INC. 2,996,893
BLUMENTHAL, PHILIPP 2,996,434
BOBKA, PAUL 2,996,434
BOCHENTIN, THORSTEN 2,997,197
BODKHE, RAJAN B. 2,995,982
BOECHER, WULF OTTO 2,996,645
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,996,643
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,996,645
BOEHRINGER INGELHEIM VETMEDICA GMBH 2,996,458
BOEHRINGER INGELHEIM VETMEDICA GMBH 2,996,629
BOEHRINGER INGELHEIM VETMEDICA, INC. 2,996,613
BOELKINS, KIRSTEN 2,996,450
BOKKA SRINIVASA RAO, KISHORE K. 2,996,863
BOMBARDIER INC. 2,997,002
BOMBARDIER PRIMOVE GMBH 2,996,644
BONACCIO, JOHN 2,996,636
BONFANTI, JEAN-FRANCOIS 2,996,856
BORGERDING, GARY 2,996,521
BOS, ALOUISIUS NICOLAAS RENEE 2,996,656
BOTTONI, FERRUCCIO 2,996,670
BOUCHARD, MICHEL 2,997,058
BOULLE, ALEXANDRE 2,997,341
BOULLE, ALEXANDRE 2,997,345
BOUSFIELD, DOUGLAS W. 2,997,266
BOWE, MICHAEL D. 2,996,630
BOWEN, WILLIAM 2,996,641
BP CORPORATION NORTH AMERICA INC. 2,996,950
BP CORPORATION NORTH AMERICA INC. 2,996,953
BRADLEY, PATRICK J. 2,996,973
BRADNER, JAMES E. 2,996,974
BRADNER, JAMES E. 2,996,977
BRADY, ROBERT O. 2,996,440
BRAY, TIMOTHY WILLIAM 2,996,884
BREDESEN, DALE 2,996,542
BRENNAN, GREGORY J. 2,996,615
BRENNAN, GREGORY J. 2,996,616
BRESHEARS, JEFFERY D. 2,997,140
BREU, DOMINIK ANDREAS 2,997,098
BREVIK, JAN OVE 2,997,173
BRIGHTGENE BIO-MEDICAL TECHNOLOGY CO., LTD. 2,997,180
BRIGHTGENE BIO-MEDICAL TECHNOLOGY CO., LTD. 2,997,195
BRIGHTGENE BIO-MEDICAL TECHNOLOGY CO., LTD. 2,997,203
BRINGHAM, RICHARD 2,997,267
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 2,996,835
BROGGINI, DIEGO FERNANDO DOMENICO 2,996,857
BROGGINI, DIEGO FERNANDO DOMENICO 2,996,989
BROWN, JERRY 2,996,720
BROWNE, GREGORY VINCENT 2,997,361
BRUMFIELD, JAY 2,996,641
BRUNNER, BRIAN PAUL 2,997,140
BUCHER, RUEDI 2,996,430
BUCKLEY, ADRIAN 2,996,449
BUCKLEY, DENNIS 2,996,974
BUGGE, THOMAS H. 2,996,767
BUGTEN, BJARNE 2,997,098
BUILDBLOCK BUILDING SYSTEMS, LLC 2,996,553
BULJUBASIC, NEDA 2,996,866
BULLINGTON, JEFF 2,997,109
BUONO, STEFANO 2,989,266
BURNS, DAVID WILLIAM 2,997,085
BURNS, KENNETH M. 2,997,160
BURRELL, CHRISTOPHER THOMAS 2,997,083
BURY, RAFAEL 2,996,739
BUSCH, CARSTEN 2,997,466
BUSL, MATTHIAS 2,997,408
BUZKO, OLEKSANDR 2,996,542
BYRD, BRIAN D. 2,996,707
CAI, XIONG 2,997,039
CALVERT, CHRISTOPHER SEAN 2,997,424
CANCHO GRANDE, YOLANDA 2,990,076
CANCHO GRANDE, YOLANDA 2,990,408
CANCHO-GRANDE, YOLANDA 2,990,394
CANCHO-GRANDE, YOLANDA 2,990,398
CARLSON, DANIEL F. 2,996,865
CARLSON, JAY P. 2,996,536
CARPENTER, CURT RICHARDS 2,996,884
CARRARD, GERALDINE 2,996,655
CARRIERE-PAZAT, AUDREY 2,991,523
CARTER, SCOTT J. 2,996,604
CASTEILLA, LOUIS 2,991,523
CASTONGUAY, BERTIN 2,997,058
CEDERNA, PAUL S. 2,996,450
CELANESE EVA PERFORMANCE POLYMERS CORPORATION 2,997,028
CELGENE CORPORATION 2,996,641
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,991,523
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,996,431
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 2,996,463
CHAE, JIN-A 2,996,893
CHAILLEUX, ALEXANDRE 2,996,973
CHAN, BRIAN MINGTUNG 2,997,444
CHANDLER, RANDY 2,982,129
CHANG, ARVIN T. 2,996,435
CHANG, CHI-WEI 2,996,607
CHANG, DA-YU 2,996,687
CHANG, DAVID B. 2,996,981
CHAPDELAINE, PIERRE 2,996,982
CHARLEBOIS, PAUL 2,997,361
CHAUDHARY, BHARAT I. 2,996,615
CHAUDHARY, BHARAT I. 2,996,616
CHEICH, ROBERT C. 2,996,847
CHEMETALL GMBH 2,996,465
CHEN, CHING-YEH 2,997,193
CHEN, JOEY 2,997,400
CHEN, KUANG-HUA 2,996,767
CHEN, SHIH-RUEY 2,996,533
CHEN, TING-YU 2,996,618
CHENEY, DANIEL F. 2,997,216
CHERIAN, GEORGE 2,997,425
CHEVRON ORONITE COMPANY LLC 2,997,147
CHEVRON PHILLIPS CHEMICAL COMPANY LP 2,996,437
CHI, WEI-MING 2,997,209
CHIN, ARTHUR E. 2,997,294
CHITAKA, HIROKI 2,997,411
CHITALE, KEDAR 2,996,515
CHO, JAMES 2,997,425

CHRISTIANSEN, SEAN 2,997,109
CHRISTOFIDOU-SOLOMIDOU, MELPO 2,997,112
CHUANG, TZU-DER 2,997,193
CIESIELSKI, MICHAEL J. 2,997,103
CINTRA, GEORGE 2,997,400
CLARK EQUIPMENT COMPANY 2,996,429
CLARK, ANDREW C. 2,996,886
CLARK, JONATHAN 2,996,638
CLARK, SEAN 2,996,428
CLARKSON, SOOJI HOPE 2,997,387
CLEMENS, CHRISTOPH 2,996,643
CLK CONSULT V/ CARSTEN LEONHARD KNUDSEN 2,996,626
CLOWER, DOTTIE M. 2,996,949
COCHRAN, DAVID W. 2,996,867
COCHRAN, DON W. 2,996,867
COHERA MEDICAL, INC. 2,996,949
COHN, RONALD 2,996,913
COKER, TIMOTHY BERNARD 2,996,946
COLGATE-PALMOLIVE COMPANY 2,997,306
COLGATE-PALMOLIVE COMPANY 2,997,310
COLOMBEL, HELENE FRANCE SOLANGE 2,996,857
COLONARYCONCEPTS LLC 2,997,221
COMMUNICATIONS SYSTEMS, INC. 2,997,162
CONKLIN, BRIAN S. 2,996,687
CONTINENTAL TEVES AG & CO. OHG 2,996,832
CONVERTER MANUFACTURING, LLC 2,996,864
COOK, DAVID A. 2,996,736
COOK, DAVID A. 2,996,748
COOK, DAVID A. 2,996,802
COOPER-STANDARD AUTOMOTIVE INC. 2,996,623
COOPER-STANDARD AUTOMOTIVE INC. 2,997,253
COSMOS TECHNICAL CENTER CO., LTD. 2,997,023
COSTIN, JOSHUA M. 2,996,901
COTTON, DARRYL 2,996,460
COVINGTON, RICKY LAYNE 2,996,916
COWARD, PETER 2,997,444
CRANSTON, EMILY 2,997,370
CRAYOLA LLC 2,996,524
CREVATIN, MARIO 2,996,453
CREW, BENJAMIN 2,997,140
CROSSWAIT, CRAIG 2,996,619
CROUSE, GARY D. 2,996,594
CROUSE, GARY D. 2,997,393
CTM@CRC LTD. 2,996,944
CUBILITY AS 2,997,389
CUBILITY AS 2,997,398
CUYCKENS, FILIP ALBERT C 2,996,857
CUYCKENS, FILIP ALBERT C. 2,996,989
CVS PHARMACY, INC. 2,996,946
CYPRUMED GMBH 2,997,343
DACK, KEVIN NEIL 2,996,819
DAFT, CHRISTOPHER MARK WILLIAM 2,997,085
DALEY, BENNETT P. 2,996,946
DANA-FARBER CANCER INSTITUTE INC. 2,996,599
DANA-FARBER CANCER INSTITUTE, INC. 2,996,974
DANA-FARBER CANCER INSTITUTE, INC. 2,996,977
DANA-FARBER CANCER INSTITUTE, INC. 2,996,978
DARBYSHIRE, MEREDITH 2,997,198
DAVIDSON, DAPHNE 2,996,814
DAVISON, JAMES 2,996,720
DAWSON-HAGGERTY, MICHAEL 2,996,698
DAWSON-HAGGERTY, MICHAEL 2,996,868
DE JAGER, LOURENS CHRISTIAAN 2,996,894
DE JESU, JACQUELIN 2,996,861
DE PALMA, GIANFRANCO 2,996,694
DE PIANO, DOMENICO 2,996,456
DECOSTER, THOMAS 2,996,534
DEJARNATT, BARTON 2,996,640
DELALAT, BAHMAN 2,996,944
DELIVRA, INC. 2,997,220
DEMANGEAT, GERARD 2,996,463
DEMETER, DAVID A. 2,996,594
DEN BOER, CLAIRE-MARIE 2,996,740
DENNY, CHRISTOPHER GRANT 2,997,361
DENSO CORPORATION 2,997,411
DENTICARE IMPLANTOLOGY CENTER S.R.L. 2,997,108
DEOL, PARAMPAL 2,996,498
DESCHASEAUX, FREDERIC 2,991,523
DHARNE, GAYATRI SHASHIKANT 2,996,636
DHERE, RAJEEV MHALASAKANT 2,988,366
DIACCURATE 2,996,464
DICK, BRIAN 2,996,814
DIEDERICH, REINER 2,996,434
DIETRICH, FRANZ 2,996,434
DIETZ, LISA 2,990,394
DIETZ, STUART A. 2,996,619
DIGI-STAR, LLC 2,996,883
DIGMANN, CHARLES 2,996,521
DIJK, MARC VAN 2,996,887
DIPIETRO, JOSEPH 2,996,489
DIRTT ENVIRONMENTAL SOLUTIONS, LTD. 2,997,014
DIRTT ENVIRONMENTAL SOLUTIONS, LTD. 2,997,021
DJORDJEV, KOSTADIN DIMITROV 2,997,085
DMD MARKETING LP 2,997,198
DOANE, DENNIS W. 2,997,160
DOANE, RICK M. 2,997,160
DOANE, SHEA P. 2,997,160
DOANE, TIMOTHY L. 2,997,160
DOISAKI, NOBUSHIGE 2,997,052
DOISAKI, NOBUSHIGE 2,997,091
DONDERICI, BURKAY 2,997,113
DOUCET, FRANCOIS 2,997,044
DOVE, ANDREW P. 2,996,948
DOW AGROSCIENCES LLC 2,996,594
DOW AGROSCIENCES LLC 2,997,393
DOW GLOBAL TECHNOLOGIES LLC 2,996,615
DOW GLOBAL TECHNOLOGIES LLC 2,996,616
DOW GLOBAL TECHNOLOGIES LLC 2,996,630
DR. AUGUST WOLFF GMBH & CO. KG ARZNEIMITTEL 2,996,729
DRAGOVICH, PETER 2,996,902
DREHER, HERBERT 2,996,832
DRODER, KLAUS 2,996,434
DROMGOOL, MATTHEW CHARLES 2,997,042
DSM IP ASSETS B.V. 2,997,401
DUCA, NICOLA 2,997,341
DUCA, NICOLA 2,997,345
DUCH, THOMAS ADAM 2,996,458
DUER, NICHOLAS JOHN 2,997,017
DUKE UNIVERSITY 2,996,906
DUPLAN, HELENE 2,996,085
DUPOIZAT, MARC 2,988,359
DUQUESNE UNIVERSITY OF THE HOLY SPIRIT 2,995,830
DUSSICH, JAMES A. 2,996,048
DUSSICH, JOSEPH A., JR. 2,996,048
DUSTERHOFT, RONALD GLEN 2,996,880
DUSTERHOFT, RONALD GLEN 2,997,101
DUZGUNES, NEJAT 2,997,286
DYE, DONALD W. 2,996,707
EATON INTELLIGENT POWER LIMITED 2,996,636
EBBEN, JOHNATHAN D. 2,996,951
EBERHARDT, LUC 2,996,813
ECHOSTAR TECHNOLOGIES, L.L.C. 2,996,536
ECOLAB USA INC. 2,997,083
ECOLAB USA INC. 2,997,140
ECOLAB USA INC. 2,997,416
ECOLE POLYTECHNIQUE 2,996,431
EDDO, COLLIN 2,989,306
EDWARDS LIFESCIENCES CORPORATION 2,996,435
EDWARDS LIFESCIENCES CORPORATION 2,996,631
EDWARDS LIFESCIENCES CORPORATION 2,996,687
EDWARDS, GARLAND 2,997,005
EIBL, CAMERON 2,997,367
EILERTSEN, GABRIEL 2,997,118
EIS, PEGGY 2,996,445
EISERMANN, REINHARD 2,996,855
EKSTEEN, HENDRIK NICOLAAS BASSON 2,996,991
ELANGOVAN, ARUN 2,997,292
ELEMISSION INC. 2,997,044
ELENZA, INC. 2,997,400
ELWATER LTD OY 2,997,410

EMBERION OY 2,996,460
ENDRES, STEFAN 2,989,949
ENVISION ENERGY (DENMARK) APS 2,997,224
EPCOS AG 2,996,919
EPIZYME, INC. 2,996,412
ERTURK-HASDEMIR, DENIZ 2,997,211
ESPERA-WERKE GMBH 2,996,907
ETABLISSEMENT FRANCAIS DU SANG 2,991,523
ETHICON, INC. 2,991,028
EVERS, STEFAN 2,997,406
EXXONMOBIL CHEMICAL PATENTS INC. 2,996,496
EYE, MATTHEW GABRIEL 2,997,000
F.HOFFMANN-LA ROCHE AG 2,997,406
FAHRENKRUG, SCOTT C. 2,996,865
FALB, DEAN 2,996,535
FARBERG, AARON S. 2,996,450
FATTAL, DAVID A. 2,996,925
FELINE ENVIRONMENTAL ENRICHMENT DESIGN COMPANY, LLC 2,997,281
FELLROCK DEVELOPMENTS LIMITED 2,996,987
FENG, YIPING 2,996,608
FENSTERMAKER, ROBERT A. 2,997,103
FERGEN, BRIAN JAMES 2,996,613
FEUERSTEIN, ALBERT 2,996,519
FINGERHUT, RALPH 2,996,655
FIORINI-PUYBARET, CHRISTEL 2,996,085
FIRST WAVE BIOPHARMA 2,997,136
FISCHER, MELANIE 2,990,408
FISHER & PAYKEL HEALTHCARE LIMITED 2,997,383
FISHER & PAYKEL HEALTHCARE LIMITED 2,997,387
FISHER, RONALD 2,996,950
FISHER, RONALD 2,996,953
FITZGERALD, KEVIN 2,996,701
FITZPATRICK, JAMES BROE 2,996,524
FIVES SOLIOS 2,996,850
FLATLAND, MARTIN L. 2,997,004
FLEDELIUS, CHRISTIAN 2,996,455
FLEX TECHNOLOGY, INC. 2,997,005
FLODESIGN SONICS, INC. 2,996,515
FLUID HANDLING LLC 2,996,964
FLYNN, SEAN 2,996,638
FOGER, FLORIAN 2,997,343
FONTAINE, PHILIP P. 2,996,615
FONTAINE, PHILIP P. 2,996,616
FORREST, BROCK ALAN 2,996,904
FORTIN, ROD 2,997,300
FRANCHI, LUIGI 2,997,136
FRANKLIN FUELING SYSTEMS, INC. 2,997,087
FRANTZ, WILLIAM H. 2,997,417
FRANZ, JUERGEN 2,990,408
FRATER, JAMES J. 2,996,835
FREDERICK, KEVIN 2,996,533
FREEDOM SOLUTIONS GROUP, LLC 2,996,802
FREEDOM SOLUTIONS GROUP, LLC D/B/A MICROSYSTEMS 2,996,736
FREEDOM SOLUTIONS GROUP, LLC D/B/A MICROSYSTEMS 2,996,748
FREER, BENJAMIN AVERY 2,996,636
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH 2,997,405
FRIEDMAN, KEVIN 2,996,893
FRIEDRICH, MICHAEL 2,997,224
FRIEDRICH-SCHILLER-UNIVERSITAT JENA 2,996,706
FRISTER, FRANK 2,996,860
FRITSCH, JUERGEN 2,997,461
FRITSCHE, JENS 2,996,963
FRITZ, MICHEL 2,996,728
FROIMOVICH ROSENBERG, ALEJANDRO J. 2,996,631
FRONEK, DANIEL R. 2,995,982
FUELCELL ENERGY, INC. 2,997,414
FUJITA, NAOHIRO 2,997,390
G.D S.P.A. 2,997,362
GABRIELE, JOSEPH 2,997,220
GALGALI, AMIT 2,997,383
GALLER, ANNETTE BETTINA 2,996,645
GALLEY, DAVID 2,997,300
GAN, MING 2,997,036
GANGJEE, ALEEM 2,995,830
GARCES, FERNANDO 2,997,444
GARING, KEVIN E. 2,996,519
GARMOR INC. 2,997,109
GARRETT, DAVID MICHAEL 2,996,553
GARRISON, KEVIN 2,996,720
GATEKEEPER SYSTEMS, INC. 2,996,604
GAUTAM, MANISH MAHESHKUMAR 2,988,366
GAVINI, NAVEEN 2,996,876
GEBKE, KEVIN J. 2,996,521
GELBER, COHAVA 2,996,975
GENENTECH, INC. 2,996,902
GENERAL CABLE TECHNOLOGIES CORPORATION 2,997,017
GENESTE, HERVE 2,996,741
GEORGI, DANIEL T. 2,996,896
GEYER, CHRISTOPHER 2,996,698
GEYER, CHRISTOPHER 2,996,868
GHOSH, INDRAJIT 2,996,641
GIAMPIETRO, NATALIE C. 2,996,594
GIELEN, MARKUS 2,996,462
GILLARD, DUANE 2,996,707
GILMORE, MICHAEL 2,997,029
GINN, CLIFFORD A. 2,997,162
GLEASON, MARK 2,997,198
GLENDORF, TINE 2,996,455
GLICK, GARY D. 2,997,136
GLUCK, JULIAN MARIUS 2,990,408
GOLZ, DIETRICH 2,996,832
GOMEZ SERNA, GERMAN RODRIGO 2,996,554
GONZALEZ, JUAN M. 2,997,259
GOODSON, ANTHONY P. 2,997,183
GORAKAVI, PRAVEEN KUMAR 2,997,313
GORDON, CALLUM ROSS 2,997,383
GORDON, JONATHAN 2,997,221
GOVINDAN, PRAKASH NARAYAN 2,996,968
GRADIANT CORPORATION 2,996,968
GRAHAM, RYAN ANTHONY 2,997,383
GRAY, BRIAN C. 2,996,631
GRAY, NATHANAEL S. 2,996,978
GRECO, JEFFREY F. 2,996,437
GRECO, MICHAEL A. 2,996,973
GREVEN, SIMONE 2,990,076
GREVEN, SIMONE 2,990,394
GREVEN, SIMONE 2,990,398
GREVEN, SIMONE 2,990,408
GRICE, BYRON K. 2,997,289
GRITZAN, UWE 2,990,394
GRITZAN, UWE 2,990,408
GRUNENTHAL GMBH 2,997,378
GU, JIANING 2,997,180
GU, JIANING 2,997,195
GU, JIANING 2,997,203
GU, QU-MING 2,996,502
GUANGZHOU BEBETTER MEDICINE TECHNOLOGY CO., LTD. 2,997,039
GUDMESTAD, TARALD 2,997,006
GUILET, DAVID 2,996,706
GUILLOTON, FABIEN 2,991,523
GULBRANDSEN, PEDER J. 2,996,753
GULLIVER, LAURENCE 2,997,387
GUNDSAMBUU, BATJARGAL 2,996,944
GUNT, ROMAN 2,996,644
GUPTA, AMITAVA 2,997,400
GUPTA, ANUJ 2,996,896
GYORY, J. RICHARD 2,997,427
HAAG, MATHIAS 2,996,832
HAASE, MARBOD 2,996,458
HAIR, DIRK 2,997,028
HALBERG, LESLIE 2,997,400
HALEY, JEFFREY CHARLES 2,997,028
HALL, RYAN NEIL PETER 2,996,946
HALLIBURTON ENERGY SERVICES, INC. 2,996,880
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HALLIDAY, DEVIN 2,996,953
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HANNAH, STEPHEN E. 2,996,604
HANSEN, DON LEE 2,996,851
HANSEN, HENNING 2,997,006
HANSON, CATHERINE 2,997,140
HAO, MINGFENG 2,996,978
HARARI, BOAZ 2,997,050
HARASEMCHUK, CHRISTOPHER LEE KUBERA 2,996,884
HARDING, FRANCES JANE 2,996,944
HARGROVE, PAMELA L. 2,996,739
HARIBARA, YOSHITAKA 2,997,013
HARLAMERT, JOHN 2,997,198
HARRIS, PATRICK 2,997,014
HASSANEIN, WALEED H. 2,997,267
HASSELMANN, WOLFGANG 2,996,654
HASUO, YUSUKE 2,996,860
HATCHWELL, ELI 2,996,445
HAWAWINI, SHADI 2,996,875
HAWLEY, STEVE 2,996,875
HAYLETT, ANDREW 2,996,740
HE, KAI 2,997,030
HEALTH RESEARCH, INC. 2,997,103
HEAYSMAN, CLARE LOUISE 2,996,692
HECKERT, MICHAEL F. 2,996,630
HEIM, FRANK 2,996,521
HEINRICH, LUC A. 2,996,973
HELESBEUX, JEAN-JACQUES 2,996,706
HEMBREE, RICHARD D. 2,996,496
HEMMER, CAROLINE 2,996,463
HEMPHILL, STEPHEN JAMES 2,996,715
HENRIKSSON, KRISTER 2,996,819
HERRMANN, CHRISTOPH 2,996,434
HEY, JOHN 2,997,376
HIBBERD, MATTHEW 2,997,021
HINGER, ASHISH 2,997,085
HINKLE, GREGORY 2,996,873
HIRAIDE, RYOJI 2,996,988
HIRAO, TAKAYUKI 2,997,385
HIROKAWA, MAUREEN 2,996,814
HITACHI CHEMICAL COMPANY, LTD. 2,997,001
HJORRINGGAARD, CLAUDIA ULRICH 2,996,455
HJULSTAD, ASMUND 2,997,173
HJULSTAD, ASMUND 2,997,175
HLAVINKA, MARK L. 2,996,437
HO, NANCY W. Y. 2,996,923
HOAG, STEPHEN H. 2,996,707
HOBBS, LEA ANN 2,996,629
HOCKEY, WILLIAM 2,997,115
HOELTZEN, HEIKE 2,996,728
HOFACRE, ANDREW 2,996,797
HOGAN, DANIEL J. 2,996,797
HOHL, JOHANNES-WALTER 2,996,434
HOLCOMBE, MICHAEL SEAN 2,997,424
HOLLAND, LLOYD FREDERICK 2,996,721
HOLMEN, ERIK A. 2,996,440
HOLZER, CEDRIC 2,996,654
HOMMA, IKUE 2,997,023
HONG, YING CHI DAVID 2,997,192
HONJO, TOSHIMORI 2,997,013
HOOKS, DAVID EUGENE 2,996,966
HORNBERGER, WILFRIED 2,996,741
HORSCH MASCHINEN GMBH 2,996,815
HORSCH, PHILIPP 2,996,815
HORTON, CHRISTOPHER V. 2,996,883
HORTY, LINDSEY G. 2,997,393
HOSHINO, MASAYUKI 2,997,465
HOSTRUP, SUSANNE 2,996,455
HOSTYN, STEVEN ANNA 2,996,857
HOSTYN, STEVEN ANNA 2,996,989
HOWELL, JOSEPH 2,997,021
HOXIE, ALISON 2,997,011
HSRX GROUP, LLC 2,996,901
HU, DEAN 2,996,881
HU, LUOJUAN 2,997,106
HUANG, XIAOYI 2,997,306
HUANG, XIAOYI 2,997,310
HUANG, XUEYAN 2,997,034
HUANG, YANGQING 2,997,180
HUANG, YANGQING 2,997,195
HUANG, YANGQING 2,997,203
HUANG, YU-WEN 2,997,193
HUAWEI TECHNOLOGIES CO., LTD. 2,997,034
HUAWEI TECHNOLOGIES CO., LTD. 2,997,036
HUAWEI TECHNOLOGIES CO., LTD. 2,997,038
HUCKY, JOANNA 2,996,707
HUDSON-SHARP MACHINE COMPANY 2,997,009
HUFSCHMIED ZERSPANUNGSSYSTEME GMBH 2,987,541
HUFSCHMIED, RALPH 2,987,541
HUGHES, MORGAN M. 2,996,615
HUGHES, MORGAN M. 2,996,616
HUHN, TILO 2,991,434
HULKA, SAMUEL D. 2,996,753
HULL, KATHERINE L. 2,996,896
HUMANSCALE CORPORATION 2,997,080
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HUNTER, TIMOTHY L. 2,989,306
HUNTON, RUSS 2,996,435
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HUTCHISON, GREGORY SCOTT 2,997,090
HUTMACHER, DIETMAR 2,996,944
HUYNH-BA, JOSETTE 2,996,502
HWANG, CHARLES 2,997,427
I PEACE, INC. 2,996,988
IANNCE, STEPHAN P. 2,996,636
IDSO, EINAR SKAVLAND 2,997,098
IGARASHI, KOJI 2,997,013
IHC MARINE AND MINERAL PROJECTS (PROPRIETARY) LIMITED 2,996,894
IHC MARINE AND MINERAL PROJECTS (PROPRIETARY) LIMITED 2,996,991
IKEA SUPPLY AG 2,997,003
IKEDA, MASATAKA 2,996,871
ILAN, YARON 2,997,231
ILLINOIS TOOL WORKS INC. 2,996,905
ILLINOIS TOOLS WORKS INC. 2,996,869
ILLUMINA CAMBRIDGE LTD 2,986,659
IMMATICS BIOTECHNOLOGIES GMBH 2,996,963
IMMUNOGEN, INC. 2,988,806
INADOME, MASATO 2,997,390
INAGAKI, TAKAHIRO 2,997,013
INNERSCENE, INC. 2,996,638
INOMATA, JUN 2,997,385
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE 2,996,463
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE 2,991,523
INTER-UNIVERSITY RESEARCH INSTITUTE CORPORATION RESEARCH ORGANIZATION OF INFORMATION AND SYSTEMS 2,997,013
INVENTIO AG 2,996,456
INVENTIO AG 2,996,459
INYANG, UBONG 2,997,025
ION-TOF TECHNOLOGIES GMBH 2,996,854
IORIO, PAUL ANTHONY 2,997,395
IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. 2,996,629
IQBAL, FAHD 2,996,500
IRELAND, BARRY ROSS 2,997,114
IRIE, HIROKI 2,997,051
IRVINE, JOCK W. 2,997,392
IRYSTEC SOFTWARE INC. 2,997,118
ISABELLA, VINCENT 2,996,535
ISHIHARA SANGYO KAISHA, LTD. 2,996,859
ISKANDAR, JOSEPH 2,997,427
ITURRIA AVALOS, DARIO 2,997,008
ITURRIA MACAZAGA, GUILLERMO 2,997,008
IVAKINE, ZHENYA 2,996,913
IVOSEVIC, MILAN 2,996,863
IWAMOTO, TADASHI 2,997,232
IWAMOTO, TADASHI 2,997,365
IYER, ARUN V. 2,996,629

IYOMBE-ENGEMBE, JEAN-PAUL 2,996,982
IZUMI, MASAHIRO 2,996,860
J.R. SIMPLOT COMPANY 2,996,823
JAASKELAINEN, MIKKO 2,997,177
JACH, GUIDO 2,996,711
JACHOWICZ, ANDRZEJ H. 2,996,736
JACHOWICZ, ANDRZEJ H. 2,996,748
JACHOWICZ, ANDRZEJ H. 2,996,802
JACINTO, GABRIEL R. 2,991,028
JACOBS, JUNE 2,997,284
JACQUES-JAMIN, CARINE 2,996,085
JADHAV, PRASHANT SHIVAJI 2,988,366
JAEGER, THOMAS ROGER 2,996,869
JAFFER, SHAMIRA 2,997,418
JAGANNATHAN, VASUDEVAN 2,997,461
JAGODZINSKA, BARBARA 2,996,542
JAIN, JAYANT 2,996,421
JAMES, JESSE M. 2,996,604
JANA, SWAPAN KUMAR 2,988,366
JANING HOLDING APS 2,996,626
JANSEN, FRANCISCUS JOHANNES HENRICUS MARIA 2,989,490
JANSSEN PHARMACEUTICA NV 2,996,857
JANSSEN PHARMACEUTICA NV 2,996,989
JANSSEN PHARMACEUTICALS, INC. 2,996,856
JARAMILLO, MARIA 2,996,996
JARDING, JOHN 2,996,990
JARVER, PETER 2,989,371
JELINEK, MILAN 2,997,296
JELINEK, MILAN 2,997,331
JELINEK, MILAN 2,997,332
JELINEK, MILAN 2,997,334
JENQ, ROBERT 2,997,100
JEONG, JAE-GYUN 2,996,893
JEWITT, DENNIS 2,997,412
JFE STEEL CORPORATION 2,997,237
JFE STEEL CORPORATION 2,997,245
JOHANNESSEN, KJETIL 2,997,098
JOHANSSON, MATTIAS 2,997,412
JOHN, VARGHESE 2,996,542
JOHNSON, BENJAMIN D. 2,996,867
JOHNSON, GLENN 2,996,618
JOHNSON, PATRICK STEPHEN 2,996,819
JOLLY, DOUGLAS J. 2,996,797
JONCKERS, TIM HUGO MARIA 2,996,856
JONES, IAN MICHAEL 2,997,416
JONES, PHILLIP KARL 2,996,736
JONES, PHILLIP KARL 2,996,748
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JORDAN, BEN 2,997,283
JORDAN, DIANNA M. MURPHY 2,996,613
JOSHI, CHETAN VILAS 2,988,366
JOSIAS, WILBENS 2,997,310
JOULIA, PHILIPPE 2,996,085
JOUNG, J. KEITH 2,996,888
JOURDAN, ALEX 2,988,359
JOVANOVIC, ALEKSA 2,996,512
JRB ENGINEERING PTY LTD 2,996,849
JUNE JACOBS LABORATORIES, LLC 2,997,284
JUNG, JOSEPH H. 2,996,516
KABUSHIKI KAISHA NIHON MICRONICS 2,997,239
KADOUS, TAMER ADEL 2,997,429
KAISER, TROY JAMES 2,996,613
KALWA, NORBERT 2,997,402
KAMITANI, YOSHIHIDE 2,997,237
KAMITANI, YOSHIHIDE 2,997,245
KANEEDA, MASATO 2,997,001
KANGAS, KEVIN G. 2,996,708
KASPER, DENNIS L. 2,997,211
KATHOLIEKE UNIVERSITEIT LEUVEN 2,996,856
KATHUROJU, PAVAN KUMAR 2,996,636
KATO, FUMINORI 2,996,859
KATZ, JONATHAN M. 2,996,867
KAVSAK, PETER 2,996,903
KAWAI, YUICHI 2,997,051
KCI LICENSING, INC. 2,996,881
KEARNEY-SCOTT, PHEBE 2,997,281
KEDZIOR, STEPHANIE 2,996,910
KEILHACK, HEIKE 2,996,412
KELLY, BRENDAN 2,996,988
KELLY, LUKE E. 2,996,619
KELLY, MICHAEL 2,997,115
KELSO ENERGY LTD. 2,997,114
KEMALADEWI, DWI 2,996,913
KEMIRA OYJ 2,997,363
KENNEDY, THOMAS J., III 2,996,515
KESTELEYN, BART RUDOLF ROMANIE 2,996,856
KHELFALLAH, NAWEL SOUAD DR. 2,996,465
KHEW, SING YOONG 2,996,884
KIM, DAE 2,997,120
KIM, DO YOUNG 2,996,892
KIMURA, TOMOKO 2,997,390
KIRCHHOFF, DENNIS 2,990,398
KISHI, MICHITO 2,997,385
KISHNANI, PRIYA 2,996,906
KITAHARA, JUN 2,997,250
KITAMURA, KAZUO 2,997,131
KLECZEWSKI, ARIEL CHATMAN 2,997,140
KLEEMAN, ALEXANDER 2,997,262
KLEIN, CHRISTIAN 2,997,406
KLEINSTIVER, BENJAMIN 2,996,888
KLEMOLA, MARTTI 2,997,410
KLENNER, JASON ALLAN 2,997,387
KNAPP, JAMES K. 2,996,519
KNIE, ULRICH 2,996,729
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KNUTSON, SARAH K. 2,996,412
KOBAYASHI, YOSHIHIRO 2,997,236
KOBOLD, SEBASTIAN 2,989,949
KOCIS, PETR 2,997,376
KOEBERL, DWIGHT D. 2,996,906
KOEBERLE, ANDREAS 2,996,706
KOHLSTEDT, MICHAEL 2,996,728
KOKAJI, ANDY ISAMU 2,996,848
KOLETSCHKA, THOMAS 2,996,698
KOLETSCHKA, THOMAS 2,996,868
KONDURI, KAMESWARI 2,997,286
KONINKLIJKE DOUWE EGBERTS B.V. 2,996,740
KOPER, NORBERT PETER 2,996,600
KOSEMURA, TOORU 2,997,385
KOSUGE, YUHEI 2,997,052
KOSUGE, YUHEI 2,997,091
KOTULA, JONATHAN 2,996,535
KOVICH, ROBERT 2,996,453
KOZLOW, JEFFREY H. 2,996,450
KRAUS, PAUL R. 2,997,140
KRAUSE, WILLIAM R. 2,997,005
KRAUSSMAFFEI TECHNOLOGIES GMBH 2,997,408
KRAVITZ, ANDREW S. 2,996,812
KRIVCHIKOV, VIKTOR IVANOVICH 2,996,705
KRUPNICK, DAVID 2,997,281
KRUPNICK, STEVEN 2,997,281
KRUPPA, STEFAN 2,997,408
KSHIRSAGAR, ABHIJEET V. 2,996,636
KUMAR, KAUSUM 2,996,421
KUMAR, SEEMA 2,996,875
KUO, CHUN-HUNG 2,996,453
KUO, CHUNG-HUNG 2,996,451
KUTSCH, JOHN 2,997,293
KWIATKOWSKI, NICHOLAS P. 2,996,978
KWON, SEBASTIAN 2,996,450
LABSYSTEMS DIAGNOSTICS OY 2,996,655
LACOE, SCOTT J. 2,996,429
LAING, BRENT IAN 2,997,387
LAKE, JENNIFER 2,997,419
LAKSHMANAN, VALLIAPPA 2,997,262
LALOVIC, BOJAN 2,996,645
LAM, STEVEN 2,996,968
LAMBERT , VINCENT, II 2,997,267
LAMBERT, THOMAS M. 2,997,392
LANDIS+GYR INNOVATIONS, INC. 2,997,424
LANGE, UDO 2,996,741
LANGUEDOC, SEAN 2,997,407
LAROUCHE, RENAUD 2,997,300
LASHER, DANA A. 2,997,081
LASHER, DANA A. 2,997,242
LASHER, DANA A. 2,997,247
LATOUR, MARTIN 2,997,058
LAU, AARON 2,996,534
LAU, ANDREW CHI LUP 2,997,387
LE, HIEN MINH 2,996,891
LE, THANH HUY 2,996,631
LE, TUNG T. 2,996,631
LEBLANC, DAVID 2,997,293
LECLAIR, DANIEL ADAM 2,997,370
LEHMANN, STEFAN 2,996,813
LEIA INC. 2,996,925
LEMMINGS LLC 2,997,160
LENFERINK, ANNE E.G. 2,996,996

LEO PHARMA A/S 2,996,819
LEPESKA, PETER 2,996,710
LEPO, ANNELI 2,997,363
LEPPLA, STEPHEN H. 2,996,767
LERCHEN, HANS-GEORG 2,990,076
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LERCHEN, HANS-GEORG 2,990,408
LESZCZYNSKI, GINA 2,996,623
LEWIS, ANDREW LEONARD 2,996,692
LEWIS, THOMAS F., III 2,996,519
LI PI SHAN, COLIN 2,996,615
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LI, DAN 2,996,901
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LI, JUNZHONG 2,997,140
LI, YANG 2,997,444
LI, YING 2,996,607
LIAN, SHIGUO 2,997,034
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LIANG, CHAOHUA 2,997,203
LIN, AMY H. 2,996,797
LIN, HAO 2,997,435
LIN, JIAN-LIANG 2,997,193
LIN, MEILU 2,997,036
LIN, MINGSHENG 2,997,039
LINDAUER DORNIER GESELLSCHAFT MIT BESCHRANKTER HAFTUNG 2,996,462
LINDSTROM, JEFF 2,996,631
LINK, HELMUT D. 2,991,535
LINK, MARIE 2,996,643
LIPKENS, BART 2,996,515
LIU, BIN 2,997,039
LIU, JIE 2,996,767
LIU, LE 2,997,036
LIU, SHI-HUI 2,996,767
LIU, WENTAI 2,996,607
LIU, YINGLIN 2,996,460
LLOYD, ANDREW 2,996,692
LO, YI-KAI 2,996,607
LOBBE INDUSTRIESERVICE GMBH & CO. KG 2,996,855
LOBERG, BARRIE A. 2,997,021
LOCKHEED MARTIN CORPORATION 2,996,440
LOEFFLER, RANDY 2,996,533
LOHR, SUSAN ANN 2,997,281
LOOMIS, SCOTT THOMAS 2,996,900
LOPEZ, FEDERICO ZAMORA 2,997,162
LORENZ, MARTIN 2,996,824
LOWRY, BRIAN R. 2,996,435
LUBBEN, MICHAEL 2,997,361
LUIBRAND, KELSEY L. 2,996,450
LUO, TAO 2,997,429
LUTTRULL, JEFFREY K. 2,996,981
MA, JIN 2,997,054
MACFARLANE, STEVEN D. 2,996,440
MACKE, KATHLEEN 2,996,707
MACOVIAK, JAMES J. 2,997,439
MACOVIAK, JOHN A. 2,997,439
MACOVIAK, RICHARD L. 2,997,439
MADENJIAN, EDWARD O. 2,996,615
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MADSEN, PETER 2,996,455
MAGSTADT, DREW ROBERT 2,996,629
MAHAJAN, KRISHNA 2,996,450
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MAHLERT, CHRISTOPH 2,990,398
MAHLERT, CHRISTOPH 2,990,408
MAHOR, SUNIL 2,988,366
MAHR, ANDREA 2,996,963
MAIER, JOSEPH A. 2,996,496
MAIERHOFER, ANDREAS 2,997,405
MAILLARD, DAVID 2,996,813
MALEPATI, VENKATA VAMSI KRISHNA 2,988,366
MALIK, RAJIV 2,997,352
MALISKEY, THOMAS E. 2,996,623
MALISKEY, THOMAS E. 2,997,253
MALLYA, ASHA DINESH 2,988,366
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MALTIN, ANDREW 2,997,029
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MANAHAN, JOSEPH MICHAEL 2,996,636
MANNLE, FERDINAND 2,996,443
MANRAO, ELIZABETH A. 2,997,120
MANTIUK, RAFAL 2,997,118
MANUM, HENRIK 2,997,175
MANUS, LISA 2,997,306
MANUS, LISA 2,997,310
MAQUITA NAKANO, JORGE MANUEL 2,996,862
MARCHAND, ARNAUD DIDIER M 2,996,856
MARCHIARULLO, DANIEL J. 2,996,863
MARCOS, JOSE 2,996,554
MARES, OTAKAR 2,997,111
MARGOLIS, BENJAMIN W. L. 2,996,981
MARGOOSIAN, RAZMIK 2,997,223
MARKHAM, LEE B. 2,997,087
MARKS, WILLIAM ALAN 2,996,451
MARONEY, KYLE 2,996,698
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MARSCH, STEPHAN 2,990,408
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MARX, LEO 2,990,076
MASKO, MARSHALL 2,996,990
MASON, MATTHEW 2,996,698
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MASTERCARD INTERNATIONAL INCORPORATED 2,997,292
MATSUMOTO, RONALD ALLEN 2,996,973
MAURO, ANTHONY R. 2,997,352
MAURUS, NORBERT 2,996,465
MAXWELL, KEITH E. 2,996,440
MAZZARELLA, JOSEPH R. 2,996,917
MAZZOCCHI, RUDY 2,997,400
MCANALLY, CRAIG B. 2,996,812
MCAULEY, GABRIEL 2,997,421
MCCONNELL, JAMES A. 2,996,954
MCDONALD, MICHAEL F., JR. 2,996,496
MCGRATH, STEPHEN T. 2,996,708
MCGUCKIN, MICHAEL JOHN 2,996,715
MCINNIS, MATT 2,997,109
MCLAREN, MARK ARVIND 2,997,383
MCMASTER UNIVERSITY 2,996,903
MCMASTER UNIVERSITY 2,996,910
MCMASTER UNIVERSITY 2,997,370
MCSHERRY, DAVID D. 2,997,140
MEDIATEK INC. 2,997,193
MEDICAL ENERGETICS LTD. 2,996,912
MEDTRONIC XOMED, INC. 2,996,539
MEHNER, GOTZ 2,996,832
MEI, FUI 2,996,740
MEISTER, GLENNA 2,996,599
MELGAR, AARON 2,996,875
MEMORIAL SLOAN-KETTERING CANCER CENTER 2,997,100
MENDILLO, MARK D. 2,996,690
MENGOLI, FAUSTO 2,997,362
MERCIER, BENJAMIN WARREN 2,996,884
MERCK PATENT GMBH 2,996,813
MEREDITH, GAVIN 2,997,120
MERLIN, SIMONE 2,997,425
MERSEN FRANCE SB SAS 2,996,694
MESA, SEBASTIAN 2,996,554
MESHKATI, FARHAD 2,996,889
METCALFE, IAN 2,991,460
METTLER-TOLEDO GMBH 2,996,451
METTLER-TOLEDO GMBH 2,996,453
METZINGER, REBECCA 2,997,372
MEZLER, MARIO 2,996,741
MIAO, LINFENG 2,997,180
MIAO, LINFENG 2,997,195
MIAO, LINFENG 2,997,203
MICRO MOTION, INC. 2,996,812
MILEWSKI, WILLIAM M. 2,996,954
MILLER, ERIC 2,996,498
MILLER, ERIK 2,996,515
MILLER, MICHAEL DAVID 2,996,946
MILLER, MICHAEL LOUIS 2,988,806
MILLER, PAUL 2,996,535
MILLET, YVES 2,996,535
MININVASIVE LTD. 2,997,050
MINNICK, DANNY J. 2,996,536
MINT-X LLC 2,996,048
MITKIDIS, GEORGIOS 2,996,656
MITSUI HIGH-TEC, INC. 2,996,860
MIYADERA, KAZUTAKA 2,997,051
MIYAOKA, HIROSHI 2,997,385
MJN U.S. HOLDINGS LLC 2,997,259
MMODAL IP LLC 2,997,461
MOELDERS, NICHOLAS 2,997,209
MOLINA GARCIA, FRANCISCA 2,996,877
MOLLERS, RUDOLF 2,996,854
MOMOH, ADEYIZA 2,996,450

MONASH UNIVERSITY 2,997,106
MONFETTE, STEPHANE 2,997,002
MOREL, BERNADETTE THERESIA 2,997,401
MORENO, ERIK 2,996,498
MORGAN, ANDRE MICHELLE 2,997,306
MORGAN, ANDRE MICHELLE 2,997,310
MORGAN, RICHARD 2,996,893
MORIKAWA, HARUYUKI 2,997,366
MORIKAWA, HARUYUKI 2,997,368
MORINO, KAZUHIDE 2,997,390
MORROW, C. ALEXANDER 2,997,443
MOSER, STEFAN 2,997,408
MOSKAL, MICHAEL G. 2,996,524
MOURAO, MARCELLA 2,997,310
MOWERY, BLAIR 2,996,990
MOYER, KEVIN W., JR. 2,996,739
MOYLE INTERCONNECTOR LIMITED 2,996,715
MRAZ, PAUL 2,997,050
MUIRHEAD, BENJAMIN 2,996,910
MULLER, DIRK 2,997,402
MULLER, SANDRA 2,991,523
MUNZEL, MARTIN 2,996,455
MUOJEKWU, CORNELIUS A. 2,997,017
MURAKOSO, KEIKO 2,997,023
MURAWSKY, CHRISTOPHER 2,997,444
MURRAY, ANTHONY 2,996,455
MUSTANG SAMPLING, LLC 2,997,448
MUTUALINK, INC. 2,996,917
MWAKIBINGA, THOMAS 2,996,500
MYERS, JERE W. 2,997,417
MYLAN INC. 2,997,352
NAAMAN, OFER 2,996,620
NAKAJIMA, SHIGERU 2,997,236
NAKAMURA, HIDEHIRO 2,997,001
NAKAMURA, MASAHIDE 2,997,047
NAKAYA, HIROAKI 2,996,898
NANOAL LLC 2,997,017
NANOHOLDINGS, LLC 2,996,892
NANOSTRING TECHNOLOGIES, INC. 2,997,120
NANTNEURO, LLC 2,996,542
NANTOMICS, LLC 2,996,702
NANTOMICS, LLC 2,996,704
NATANEK, ANGELA 2,996,711
NATIONAL RESEARCH COUNCIL OF CANADA 2,996,996
NATURAL BREW INC 2,997,042
NATURAL SHIELD ISRAEL 2016 LTD 2,997,231
NAVYA NETWORK INC. 2,997,354
NEEL, ALLEN J. 2,996,823
NEHEMIAH SECURITY 2,996,966
NELSEN, MARK ALLEN 2,997,297
NELSON, BILL 2,997,087
NELSON, CHRISTOPHER S. 2,996,690
NEUBAUER, ACHIM 2,996,860
NEUMAIER, CHRISTOPH 2,996,824
NEVISON, GRANT W. 2,996,882
NGUYEN, CINDY 2,996,524
NGUYEN, KIM D. 2,996,631
NGUYEN, PHILIP D. 2,997,101
NICHOLS, JEFFREYS R. 2,996,440
NICHOLSON, LEE M. 2,996,945
NICIRA, INC. 2,996,421
NICOLA, ROBERT T. 2,997,160
NIEHUIS, EWALD 2,996,854
NIELSEN, FRANK MOLLER 2,997,098
NIKKO CHEMICALS CO., LTD. 2,997,023
NIMMAGADDA, SRINIVAS 2,996,421
NIOI, PAUL 2,997,444
NIPPON SUISAN KAISHA, LTD. 2,997,052
NIPPON SUISAN KAISHA, LTD. 2,997,091
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 2,997,013
NISHIKAWA, GENSHI 2,997,366
NISHIMURA, KIMIO 2,997,385
NISSAN MOTOR CO., LTD. 2,996,870
NISSAN MOTOR CO., LTD. 2,997,046
NISSAN MOTOR CO., LTD. 2,997,047
NISSAN MOTOR CO., LTD. 2,997,171
NISSAN MOTOR CO., LTD. 2,997,232
NISSAN MOTOR CO., LTD. 2,997,236
NISSAN MOTOR CO., LTD. 2,997,365
NISSAN MOTOR CO., LTD. 2,997,385
NISSAN MOTOR CO., LTD. 2,997,388
NITROCHEMIE WIMMIS AG 2,990,862
NOK CORPORATION 2,996,769
NORRMAN, MATHIAS 2,996,455
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,996,620
NOVINA, CARL 2,996,599
NOVO NORDISK A/S 2,996,455
NUMAO, YASUHIRO 2,997,385
NUMSSEN, KAI 2,996,824
O'BRIEN, THOMAS 2,996,875
O'CONNOR, MAUREEN D. 2,996,996
O'ROURKE, PATRICK JAMES 2,996,715
O'SULLIVAN, DONAL 2,997,421
OCHSE, MICHAEL 2,996,741
ODA, YOSHIHIKO 2,997,237
ODA, YOSHIHIKO 2,997,245
ODC LIZENZ AG 2,991,434
OELLIEN, FRANK 2,996,741
OH, SUNGWHAN 2,997,211
OJAI RETINAL TECHNOLOGY, LLC 2,996,981
OJI HOLDINGS CORPORATION 2,997,023
OLDCASTLE BUILDING PRODUCTS CANADA INC. 2,997,058
OLESKE, PETER J. 2,997,417
OLIVER, DANA A. 2,996,539
ONO PHARMACEUTICAL CO., LTD. 2,997,240
ORLOB, CHRISTIAN 2,996,824
OSAKA UNIVERSITY 2,997,013
OSTERTAG, DEREK G. 2,996,797
OSVATH, LASZLO 2,997,219
OUAIDA, REMY 2,996,694
OZCAN, LUTFU CELEBI 2,997,044
PACINI, DAVID J. 2,996,973
PADULA, STEVEN JOHN 2,996,645
PANARA, RICHARD DANIEL 2,997,387
PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA 2,997,465
PANCHAWAGH, HRISHIKESH VIJAYKUMAR 2,997,085
PANDEY, ANSHUL 2,997,292
PANG, JIYONG 2,997,038
PANNIER, TORSTEN 2,996,500
PAPENFUSS, ANDREAS 2,996,433
PAPROCKI, BENJAMIN J. 2,996,835
PARDO, MARIA ELENA JUAN 2,996,944
PARK, BRIAN VANDELLYN 2,997,177
PASQUALE, NICHOLAS 2,997,414
PATEL, CHIRAG SURESHBHAI 2,997,429
PATEL, DARSHIN S. 2,996,435
PATEL, MIHIR RAJENDRABHAI 2,996,884
PATEL, VYOMA 2,997,306
PATEL, VYOMA 2,997,310
PATTANAYAK, VIKRAM 2,996,888
PATTERSON, ABBY RAE 2,996,629
PATTISAPU, JOGI 2,997,286
PATTISAPU, RAM 2,997,286
PAVAN, WILLIAM J. 2,982,129
PAZ, PEDRO 2,990,408
PEDERSEN, KELD STEFAN 2,997,224
PENG, YANG 2,997,030
PENG, YU 2,997,190
PENN ENGINEERING & MANUFACTURING CORP. 2,997,419
PEPSICO, INC. 2,996,862
PEPSICO, INC. 2,996,900
PEPSICO, INC. 2,996,945
PERORA GMBH 2,989,510
PERORA GMBH 2,989,511
PERORA GMBH 2,989,520
PETERS, DIANE E. 2,996,767
PETERSON, BRIAN 2,997,400
PHELPS, STEVEN D. 2,996,973
PHILIPPAUX, VINCENT 2,996,850
PHILLIPS 66 COMPANY 2,997,090
PHILLIPS, GARY 2,996,692
PHYTOWELT GREENTECHNOLOGIES GMBH 2,996,711
PICHKUR, DMYTRO 2,997,184
PICHKUR, YAROSLAV ANDREYEVITCH 2,997,184
PICONE, BRADD N. 2,996,949
PIERRE FABRE MEDICAMENT 2,996,085
PILLOW, THOMAS 2,996,902
PILZ, MONIKA 2,996,443
PINTEREST, INC. 2,996,876
PIPER, DEREK E. 2,997,444
PISA, PAVEL 2,997,406
PISAL, SAMBHAJI SHANKAR 2,988,366
PIZZOCHERO, ALESSANDRO 2,997,427
PLAID TECHNOLOGIES, INC. 2,997,115
PLASTIPAK PACKAGING, INC. 2,997,185
PLESS, TRAVIS 2,996,640
PLOTT, JEFFREY STEPHEN 2,996,450
POL, TOMASZ 2,996,451

POL, TOMASZ 2,996,453
POLDMAA, ARVO 2,997,168
POLZIN, THOMAS 2,997,461
POPULATION BIO INC. 2,996,445
PORTER, CHRIS 2,997,106
POTANIN, ANDREI 2,997,306
POTANIN, ANDREI 2,997,310
POTH, TILO 2,997,306
POWER, AIDAN 2,997,376
PRADHAN, BHABENDRA K. 2,996,892
PRAKASH, RAJAT 2,996,889
PRAXAIR S.T. TECHNOLOGY, INC. 2,996,519
PRECISION PLANTING LLC 2,996,897
PRENCIPE, MICHAEL 2,997,306
PRENCIPE, MICHAEL 2,997,310
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,997,211
PRESSCO IP LLC 2,996,867
PRESZ, WALTER M., JR. 2,996,515
PRICE, GENE TEMPLE 2,996,698
PRICE, GENE TEMPLE 2,996,868
PRIDDY, TIMOTHY SHANE 2,996,458
PROBASCO, RYAN WILSON 2,996,876
PROPRIETECT L.P. 2,996,708
PROPST, SCOTT ALLAN 2,997,081
PROPST, SCOTT ALLAN 2,997,242
PROPST, SCOTT ALLAN 2,997,247
PROSPERI-PORTA, GRAEME 2,996,910
PROTECHNA S.A. 2,997,466
PULASKI, MICHAEL J., JR. 2,996,973
PYNG MEDICAL CORP. 2,997,361
QI, JUN 2,996,974
QI, JUN 2,996,977
QIAN, CHANGGENG 2,997,039
QIAN, XUELEI LILY 2,997,147
QIN, JING 2,996,607
QIN, XIAO-HUA 2,996,853
QING, YUANHUI 2,997,039
QU, ZHAN 2,997,034
QUACH, TIM 2,997,106
QUALCOMM INCORPORATED 2,996,875
QUALCOMM INCORPORATED 2,996,889
QUALCOMM INCORPORATED 2,996,891
QUALCOMM INCORPORATED 2,997,085
QUALCOMM INCORPORATED 2,997,425
QUALCOMM INCORPORATED 2,997,429
QUEROLLE, OLIVIER ALEXIS GEORGES 2,996,857
QUEROLLE, OLIVIER ALEXIS GEORGES 2,996,989
QUINTERO, LIRIO 2,996,554
RABOISSON, PIERRE JEAN-MARIE BERNARD 2,996,856
RADEMACHER, MARCELO 2,997,340
RAFALSKYI, DMYTRO 2,996,431
RAJPARA, VIPUL P. 2,996,435
RAMANATHAN, NARAYANAN V. 2,996,604
RAMARAJAN, NARESH 2,997,354
RAMIREZ, CESAR AARON 2,996,891
RANA, GEETA 2,997,083
RANGER, NICOLE 2,997,361
RANPAK CORPORATION 2,996,847
RATHBORNE, GERARD JOSEPH 2,996,715
RAVI, KRISHNA M. 2,996,916
RAZ, RONEN 2,997,050
REBSTOCK, ANNE-SOPHIE 2,990,076
REBSTOCK, ANNE-SOPHIE 2,990,394
REBSTOCK, ANNE-SOPHIE 2,990,398
REBSTOCK, ANNE-SOPHIE 2,990,408
RECOMBINETICS, INC. 2,996,865
RECOVER ENERGY SERVICES INC. 2,997,176
REDL, HEINZ 2,996,853
REELICK, JOHN MATTHIAS 2,996,987
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,997,011
REID, BETH 2,997,262
REIMERS, ROBERT 2,997,372
REKOS, RUSSELL R. 2,996,954
REMEDEV, INC. 2,997,439
RENEW GROUP PTE LTD 2,997,093
RENICK, PAUL 2,996,512
RENNER, JENNIFER L. 2,997,185
RESTREPO, DAVID 2,997,109
REZAC, PETER 2,996,946
RHODIA OPERATIONS 2,996,534
RICHARDSON, ERIC 2,997,352
RICHOMME, PASCAL 2,996,706
RICHTER, RUDOLF 2,996,728
RICKARD, JERRAD 2,997,198
RIDGE, PAUL 2,997,087
RIFE, ROBERT 2,996,696
RINNER, FRANZ 2,996,919
RINSCH, CHRISTOPHER 2,996,724
RINSCH, CHRISTOPHER 2,996,725
RITCHIE, GREG 2,997,267
RITE-HITE HOLDING CORPORATION 2,996,521
RITZENTHALER, CHRISTOPHE 2,996,463
ROBERT BOSCH GMBH 2,996,860
ROBINSON, ADAM 2,996,460
ROCHE, ERIC 2,996,512
RODDY, CRAIG WAYNE 2,996,916
ROGERS, PETER 2,997,026
ROHATI, VIVEK 2,996,437
ROHM AND HAAS COMPANY 2,996,630
ROMANO, JOSEPH 2,996,698
ROMANO, JOSEPH 2,996,868
ROMANOV, NIKOLAI 2,986,659
ROMENESKO, SCOTT 2,997,009
ROMMENS, JOHANNA M. 2,997,222
ROSKE, CRAIG R. 2,996,429
ROSNER, DROR 2,997,050
ROSS, PAUL MARTIN 2,997,120
ROSS, STAN 2,997,176
ROSS-JOHNSRUD, BENJAMIN 2,996,515
ROSSMANN, EVA 2,997,406
ROSSUM VAN, GUUS 2,996,656
ROTHENBERGER, RICK 2,996,636
ROWAN, DAVID 2,996,524
ROY, CHAD 2,997,372
ROY, KENNETH P. 2,997,417
RUEDA-VELASQUEZ, ROSA 2,996,950
RUPP, KEVIN D. 2,996,631
RUS CALBORG, GUILLERMO 2,996,877
RUSCONI CLERICI, ANDREA 2,996,670
RUSSELL, NICHOLAS JAMES 2,996,449
RUSSO, AMY 2,997,306
RUSSO, AMY 2,997,310
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 2,997,435
RUZICA, PAUL J. 2,996,964
RWM SCHWEIZ AG 2,996,430
SABETI, MANOUCHEHR 2,997,351
SADEK, AHMED KAMEL 2,996,889
SADOWSKY, JACK 2,996,902
SAFETYLINK PTY LTD 2,997,168
SAGARA, TAKESHI 2,997,051
SAHR, JOHN D. 2,997,183
SAITO, TOMOKAZU 2,997,239
SAJWAN, RAVINDER 2,997,093
SALIMPOUR, ARIELLA 2,997,029
SALMON, ANDREW PAUL MAXWELL 2,997,387
SAN ROMAN MACIA, MARIA 2,996,656
SANBORN, JOHN ZACHARY 2,996,702
SANBORN, JOHN ZACHARY 2,996,704
SANCHEZ MUNOZ, ELENA 2,996,877
SANDOVAL, BENJAMIN M. 2,997,289
SARO, JOSE 2,997,406
SARTONI, MASSIMO 2,997,362
SATO, KEISHI 2,997,368
SATO, SEIZO 2,997,091
SATO, TAKATOSHI 2,996,769
SATO, YUKI 2,997,239
SAVAGE, JOHN KEITH 2,997,210
SAWANT, KAILAS 2,996,533
SCHABB, MARC ALAN 2,996,814
SCHAEDELI, ULRICH 2,990,862
SCHAFFER, ANDREW 2,996,690
SCHAUB, JOCHEN 2,996,643
SCHENCK, RONALD EDWARD 2,996,726
SCHERLING, TORSTEN 2,996,500
SCHICKLING, EVELYN 2,996,628
SCHIFFERS, REINHARD 2,997,408
SCHIMMEL, JORN 2,996,824
SCHMIDT, CHRISTOPHER 2,996,434
SCHMIDT, DAVID 2,996,912
SCHOLL, PAUL 2,996,645
SCHOONEBEEK, RONALD JAN 2,996,656
SCHOOR, OLIVER 2,996,963
SCHORN, PETER 2,996,643
SCHUELE, ROBERT 2,996,644
SCHULLEHNER, KATRIN 2,996,711
SCHULZ, TORSTEN 2,996,643
SCHUSTER, DANIELA 2,996,706
SCHUTZ, TIMOTHY G. 2,996,516
SCHWARTZ, KENT JAY 2,996,629
SCOPERTA, INC. 2,997,367
SCOUVART, MICHAEL 2,997,352
SEABAUGH, TAYLOR M. 2,995,982
SEDTECH INNOVATIONS LLC 2,997,294
SEFFER, RASTISLAV 2,997,014
SEHGAL, AMIT 2,996,534

SEKUNDA, JANUSZ STANISLAW 2,997,017
SELZER, MIRJAM 2,996,728
SENCORABLES LLC 2,996,886
SENDA, KUNIHIRO 2,997,237
SENDA, KUNIHIRO 2,997,245
SENGUPTA, ANIRBAN 2,996,421
SENSEBE, LUC 2,991,523
SERAPHIN, DENIS 2,996,706
SERPIN PHARMA, LLC 2,996,975
SERUM INSTITUTE OF INDIA PRIVATE LTD. 2,988,366
SERVICIO ANDALUZ DE SALUD 2,996,877
SHAH, VATSAL MUKUNDLAL 2,996,656
SHAN, JERRY W. 2,997,435
SHAPIRO, COLIN 2,997,219
SHEARDOWN, HEATHER 2,996,910
SHEETS, JOHN F. 2,997,297
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,996,656
SHEN, XIAOXUAN 2,996,641
SHI, LEI 2,996,512
SHIBAYAMA, SHIRO 2,997,240
SHIH, ALBERT J. 2,996,450
SHIMAOKA, TAKAYUKI 2,997,023
SHIMODA, HIDENORI 2,996,988
SHINDENGEN ELECTRIC MANUFACTURING CO., LTD. 2,996,871
SHIOIRI, YASUHITO 2,997,237
SHIOIRI, YASUHITO 2,997,245
SHORT, JAY M. 2,996,514
SHREIBER, DAVID I. 2,997,435
SICPA HOLDING SA 2,997,341
SICPA HOLDING SA 2,997,345
SIEMENS INDUSTRY, INC. 2,996,500
SIEMENS INDUSTRY, INC. 2,996,640
SIERRA, MARIBEL LOPERA 2,989,266
SIGNIFI SOLUTIONS INC. 2,997,418
SIMBO, TAKUYA 2,997,240
SIMPSON, JAMIE 2,997,106
SINGH, DIPTI 2,997,025
SINGH, DIPTI 2,997,101
SINGH, HARPREET 2,996,963
SINTEF TTO AS 2,996,443
SINTIVE, BRUNO 2,997,383
SIRDESHPANDE, GOURISH 2,997,417
SIRIPURAPU, SRINIVAS 2,997,017
SISOLAK, MARTIN 2,996,450
SITESELECT INC. 2,997,004
SIVAKANESAR, LUXSACUMAR 2,996,443
SKALETZ, BODO 2,996,855
SKOLD, ANNETTE 2,989,371
SLEZAK, PAUL 2,996,853
SLIWKOWSKI, MARK X. 2,996,902
SMILEY, REX ALAN 2,996,613
SMITH & NEPHEW, INC. 2,996,512
SMITH, DANIEL 2,996,698
SMITH, DANIEL 2,996,868
SMITH, MAURICE PATRICK 2,996,715
SMITH, MICHAEL G. 2,996,489
SO, FRANKY 2,996,892
SOEBERDT, MICHAEL 2,996,729
SOGA, TETSUNORI 2,997,048
SOLENIS TECHNOLOGIES, L.P. 2,996,502
SOLIOZ, ANDRE 2,996,983
SOLVAY USA INC. 2,996,533
SOMMER, ANETTE 2,990,076
SOMMER, ANETTE 2,990,394
SONSTEGARD, TAD S. 2,996,865
SONY CORPORATION 2,997,250
SORRELLS, JENNIFER L. 2,997,416
SPAETH, NATALIE 2,996,824
SPARKS, THOMAS C. 2,996,594
SPARKS, THOMAS C. 2,997,393
SPERA, MICHAEL L. 2,996,524
SPETZ HOLMGREN, ANNA-LENA 2,989,371
SPILMAN, PATRICIA 2,996,542
SPINNER GMBH 2,996,824
SPORCK, CHRISTIAN 2,996,875
SRINIVASA, SIDDHARTHA 2,996,698
SRINIVASA, SIDDHARTHA 2,996,868
SRINIVASAN, VINOD 2,997,011
SRIVASTAVA, GITIKA 2,997,354
ST. JOHN, MAXIMUS G. 2,996,968
STAMM, DANIEL E. 2,997,443
STANGE, OLAF 2,996,434
STANNUS, SIMON FRANCIS 2,997,021
STARCK, SOREN 2,996,728
STARK, JOSEPH L. 2,997,416
STATOIL PETROLEUM AS 2,997,098
STATOIL PETROLEUM AS 2,997,173
STATOIL PETROLEUM AS 2,997,175
STAUB, RICHARD 2,997,140
STEIN, ROBERT BENJAMIN 2,996,887
STELTE-LUDWIG, BEATRIX 2,990,076
STELTE-LUDWIG, BEATRIX 2,990,394
STELTE-LUDWIG, BEATRIX 2,990,398
STELTE-LUDWIG, BEATRIX 2,990,408
STEMCELL TECHNOLOGIES INC. 2,996,848
STETTLER, HANSRUEDI 2,997,306
STETTLER, HANSRUEDI 2,997,310
STETTLER, HEIKE 2,996,458
STEVENSON, MICHAEL BRENT 2,996,955
STOLZENBERGER, JESSICA 2,996,728
STONEKING, JERRY D. 2,997,289
STOWASSER, FRANK 2,996,983
STRANICK, MICHAEL A. 2,997,306
STRANICK, MICHAEL A. 2,997,310
STRAXCORP PTY LTD 2,997,190
STRUG, LISA 2,997,222
STRYKOWSKI, PAUL JOHN 2,997,011
STUBER, LUKE 2,996,897
STUHM, KAI 2,996,434
STUPPNER, HERMANN 2,996,706
SUBRA, LAURENT 2,996,085
SUBRAMANIAM GANASAN, JAYA PRAKASH 2,996,891
SUDLOW, PAUL 2,997,176
SUGATSUNE KOGYO CO., LTD. 2,996,999
SULEA, TRAIAN 2,996,996
SULLIVAN, JOHN 2,997,267
SUMAGUE, MYRA 2,997,028
SUN, BAODONG 2,996,906
SUN, LEI 2,997,222
SUN, YALI 2,996,641
SUN, YU-CHEN 2,997,193
SUN, ZHANLI 2,997,180
SUN, ZHANLI 2,997,195
SUN, ZHANLI 2,997,203
SUNSIGHT HOLDINGS, LLC 2,996,548
SUNSIGHT HOLDINGS, LLC 2,996,549
SUTCLIFFE, JAMES R. 2,997,419
SUTO, KENTA 2,996,988
SUZUKI, HIDETOSHI 2,997,465
SWAN ANALYTISCHE INSTRUMENTE AG 2,996,438
SWARTZ, DAVID 2,997,029
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SAARELA, MARIA 2,991,450
SAFAVI-NAEINI, SAFIEDDIN 2,941,487
SAGER, EDUARDO 2,995,931
SANOFI-AVENTIS 2,989,609
SAUDI ARABIAN OIL COMPANY 2,996,543
SAUNOIS, ALEX 2,989,041
SAVIAN, SCOTT 2,997,099
SAVO, TRAVIS ROBERT 2,996,784
SCHAFFER, PAUL 2,991,516
SCHLAPP, TOBIAS 2,990,079
SCHMIDTS, THOMAS 2,996,580
SCHUNK, TIMOTHY C. 2,989,105
SCOLEY, IAN GEOFFREY 2,997,099
SCOTT, ALAN JAMES 2,993,697
SEIBER, RUSSELL A. 2,995,931
SENGER, TORALF 2,989,798
SENN, BRIAN A. 2,996,364
SENTREHEART, INC. 2,995,931
SERLETIC, MATT 2,996,784
SHAFFER, KORY 2,971,362
SHAFRAN, OHAD 2,996,574
SHAHIR, SHAHED 2,941,487
SHAW, PETER 2,991,249
SHEN, BO 2,990,650
SIDWELL, JAMES S. 2,992,179
SIEGLING, ANGELA 2,990,079
SKALETSKAYA, ANNA 2,989,609
SMART MEDICAL SYSTEMS LTD. 2,996,574
SMITH, CHRISTOPHER 2,990,939
STERNA BIOLOGICALS GMBH & CO. KG 2,996,580
STOUT, JEFFREY T. 2,992,179
STRADER, CHRISTOPHER 2,997,065
STRATTON, DENNIS 2,991,594
STRYKER CORPORATION 2,991,594
TAKAGI, MASARU 2,989,114
TAKAGI, MASARU 2,989,127
TAKAGI, MASARU 2,989,139
TAKAGI, MASARU 2,989,183
TAKAGI, MASARU 2,989,235
TARCZYNSKI, MITCHELL C. (DECEASED) 2,990,650
TATE & LYLE INGREDIENTS AMERICAS LLC 2,989,105
TAVARES, DANIEL 2,989,609
TAVERNER, DOMINO 2,996,354
TEJADA, ELBER F. 2,989,105
TERLIUC, GAD 2,996,574
TERLSON, BRAD 2,996,347
THE BOEING COMPANY 2,971,362
THE BOEING COMPANY 2,993,697
THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA 2,990,322
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,989,114
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,989,127
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,989,139
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,989,183
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,989,235
TRIUMF 2,991,516
TSHUCHIHASHI, ZENTA 2,991,249
UNICO, INC. 2,997,092
URANO, JUN 2,990,939
VELDKAMP, DAVID J. 2,991,594
VOLK, HANS-DIETER 2,990,079
WANG, ZONGXUN 2,960,537
WEATHERFORD TECHNOLOGY HOLDINGS, LLC 2,996,354
WEBER, OLAF 2,990,079
WESTBERG, ROBIN L. 2,993,697
WILKERSON, RANDALL DOW 2,993,697
WILKINSON, BRADLEY M. 2,996,397
WILSON, JAMES M. 2,990,322
WINTER, MICHAEL 2,996,784
WOEHR, KEVIN 2,989,177
WOJCIECHOWSKI, KEITH F. 2,995,030
WORTHINGTON, ROBERT J. 2,996,364
ZEISLER, STEFAN K. 2,991,516
ZERBA, KIM E. 2,991,249
ZHAO, JIBIN 2,940,886
ZHOU, SHELLY YUQING 2,989,105